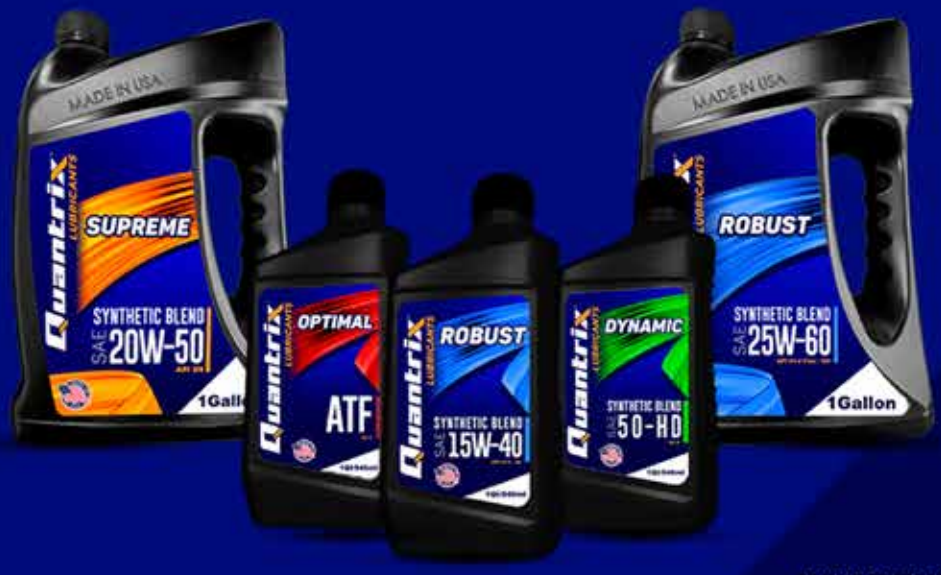
Quantrix®
LUBRICANTS

CATALOGO DE PRODUCTOS PCMO QUANTRIX



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INDICE

Quantrix®
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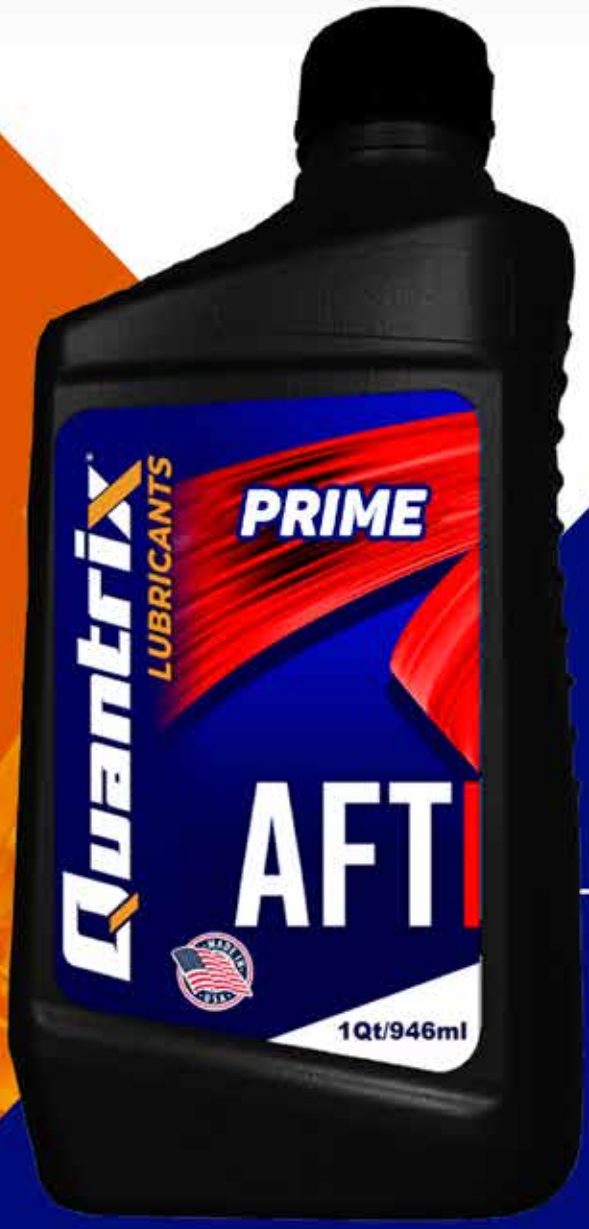

PRIME

www.quantrixproducts.com

Quantrix® QL-Prime
SAE 10W-40 & SAE 20W-50
Synthetic Blend Motor Oil; API SQ

Product Description

Quantrix® QL-Prime SAE 10W-40 and SAE 20W-50 are premium synthetic blend motor oils manufactured for use in modern gasoline engines which require API SQ, API SP, API SN Plus, or API SN performance.

These oils are formulated with Group II paraffinic and synthetic base oils, along with a premium performance additive package specially engineered to protect high-compression gasoline direct injection engines by delivering improved oxidative stability, enhanced deposit control, better low-speed pre-ignition mitigation, timing chain wear resistance, and reduced sulfated ash for compatibility with emission control systems.

Typical Properties*

SAE J300 Viscosity Grade	***10W-40***	***20W-50***
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	92.85	148.95
Viscosity @ 100°C, cSt, ASTM D445	14.0	18.0
Viscosity Index, ASTM D2270	155	135
CCS Apparent Viscosity, cP, ASTM D5293	5,800@-25°C	6,800@-15°C
MRV Apparent Viscosity, cP, ASTM D4684	22,000@-30°C	28,000@-20°C
Flash Point, °C, ASTM D92	215	220
Pour Point, °C, ASTM D97	-37	-30

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements
API SQ, API SP, API SN Plus, API SN

Product Code
SAE 10W-40 – SXP013
SAE 20W-50 – SXP014

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® QL-Prime
SAE 0W-20, 5W-20, 5W-30 & 10W-30
Full Synthetic Motor Oil, API SQ, ILSAC GF-7A

Product Description

Quantrix® QL-Prime SAE 0W-20, 5W-20, 5W-30, and 10W-30 are premium full synthetic motor oils manufactured for use in modern gasoline engines which require ILSAC GF-7A, GF-6A, API SQ, API SP, API SN Plus, or API SN performance.

These oils are formulated with synthetic base oils and a premium performance additive package specially designed to protect high-compression gasoline direct injection engines by delivering enhanced oxidative stability, superior deposit control, improved low-speed pre-ignition protection, timing chain wear resistance, and reduced sulfated ash for better emission system compatibility.

Typical Properties*

SAE J300 Viscosity Grade	***0W-20***	**5W-20**	**5W-30**	**10W-30**
Appearance, Visual		Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	44.55	47.75	61.25	68.75
Viscosity @ 100°C, cSt, ASTM D445	8.3	8.3	10.8	10.9
Viscosity Index, ASTM D2270	165	150	170	150
CCS Apparent Viscosity, cP, ASTM D5293	5,400@-35°C	4,800@-30°C	5,200@-30°C	4,900@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	22,000@-40°C	15,000@-35°C	18,000@-35°C	9,000@-30°C
Flash Point, °C, ASTM D92	210	215	215	218
Pour Point, °C, ASTM D97	-47	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements
API SQ with Resource Conserving, API SP, API SN Plus, API SN
ILSAC GF-7A, GF-6A, GF-5
GM dexos1™ Gen 3
Chrysler MS6395
Ford WSS-M2C972-A1 (0W-20); Ford WSS-M2C970-A1 (5W-20); Ford WSS-M2C971-A1 (5W-30)

Product Code
SAE 0W-20 – SPE002; **SAE 5W-20** – SPE003; **SAE 5W-30** – SPE004; **SAE 10W-30** – SPE005

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® QL-Prime
SAE 5W-20; 5W-30 & 10W-30
Synthetic Blend Motor Oil; API SQ, ILSAC GF-7A

Product Description

Quantrix® QL-Prime SAE 5W-20, 5W-30, and 10W-30 are premium synthetic blend motor oils manufactured for use in modern gasoline engines which require ILSAC GF-7A, GF-6A, API SQ, API SP, API SN Plus, or API SN performance.

These oils are formulated with a blend of synthetic and Group II paraffinic base oils combined with a premium performance additive package specially engineered to protect high-compression gasoline direct injection engines by delivering improved oxidative stability, enhanced deposit control, better low-speed pre-ignition mitigation, timing chain wear resistance, and reduced sulfated ash for compatibility with modern emission control systems.

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	48.95	62.8	70.7
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	145	165	145
CCS Apparent Viscosity, cP, ASTM D5293	5,300@-30°C	5,800@-30°C	5,000@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	22,000@-35°C	15,000@-30°C
Flash Point, °C, ASTM D92	210	210	215
Pour Point, °C, ASTM D97	-43	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements
API SQ with Resource Conserving, API SP, API SN Plus, API SN
ILSAC GF-7A, GF-6A, GF-5
Chrysler MS6395
Ford WSS-M2C970-A1 (5W-20); Ford WSS-M2C971-A1 (5W-30)

Product Code
SAE 5W-20 – SXP010; **SAE 5W-30** – SXP011; **SAE 10W-30** – SXP012

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® QL-Prime
SAE 5W-30 Full Synthetic Motor Oil
ACEA C3, API SN

Product Description

Quantrix® QL-Prime SAE 5W-30 Full Synthetic Motor Oil ACEA C3, API SN is formulated with synthetic base oils and a premium additive package. This oil is designed for use in carbureted, fuel injected, turbocharged and supercharged gasoline engines. This oil exceeds the performance requirements of API SN and ACEA C3.

Typical Properties*

SAE J300 Viscosity Grade	***5W-30***
Appearance, Visual	Amber, Transparent, Liquid
Viscosity @ 40°C, cSt, ASTM D445	68.0
Viscosity @ 100°C, cSt, ASTM D445	11.5
Viscosity Index, ASTM D2270	165
CCS Apparent Viscosity, cP, ASTM D5293	5,300@-30°C
MRV Apparent Viscosity, cP, ASTM D4684	22,000@-35°C
Flash Point, °C, ASTM D92	210
Pour Point, °C, ASTM D97	-42
Sulfated Ash, wt%, ASTM D874	≤ 0.8

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements

ACEA C3-23
API SN
BMW LL-04
MB 229.31/229.51
GM dexos 2

Product Code

SPE008

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® QL-Prime
SAE 5W-40; Full Synthetic Motor Oil
ACEA A3/B4, API SN

Product Description

Quantrix® QL-Prime SAE 5W-40 Full Synthetic Motor Oil ACEA A3/B4, API SN is formulated with synthetic base oils and a premium additive package. This oil is designed for use in carbureted, fuel injected, turbocharged and supercharged gasoline engines. This oil exceeds the performance requirements of API SN and ACEA A3/B4.

Typical Properties*

SAE J300 Viscosity Grade	***5W-40***
Appearance, Visual	Amber, Transparent, Liquid
Viscosity @ 40°C, cSt, ASTM D445	80.0
Viscosity @ 100°C, cSt, ASTM D445	13.5
Viscosity Index, ASTM D2270	172
CCS Apparent Viscosity, cP, ASTM D5293	5,600@-30°C
MRV Apparent Viscosity, cP, ASTM D4684	23,000@-35°C
Flash Point, °C, ASTM D92	210
Pour Point, °C, ASTM D97	-42
Total Base Number, mgKOH/g, ASTM D2896	10.5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements

ACEA A3/B4-23
ACEA A3/B3-16
API SN/CF
Porsche A40
MB 226.5 / 229.3 / 229.5
BMW LL-01
VW 502.00, 505.00
Renault RN0700 / RN0710

Product Code

SPE009

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® QL-Prime
SAE 5W-40; SAE 5W-50
Full Synthetic Motor Oil, API SQ

Product Description

Quantrix® QL-Prime SAE 5W-40 and 5W-50 are premium full synthetic motor oils manufactured for use in modern gasoline engines which require API SQ, API SP, API SN Plus, or API SN performance.

These oils are formulated with synthetic base oils and a premium performance additive package specially engineered to protect high-compression gasoline direct injection engines by delivering improved oxidative stability, enhanced deposit control, better low-speed pre-ignition mitigation, timing chain wear resistance, and reduced sulfated ash for emission system compatibility.

Typical Properties*

SAE J300 Viscosity Grade	***5W-40***	**5W-50**
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	86.8	115
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	175	180
CCS Apparent Viscosity, cP, ASTM D5293	5,400@-30°C	5,800@-30°C
MRV Apparent Viscosity, cP, ASTM D4684	22,000@-35°C	23,000@-35°C
Flash Point, °C, ASTM D92	215	215
Pour Point, °C, ASTM D97	-42	-42

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements
API SQ, API SP, API SN Plus, API SN

Product Code
SAE 5W-40 – SPE006
SAE 5W-50 – SPE007

Corporate Office:
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Miami, FL, 33172
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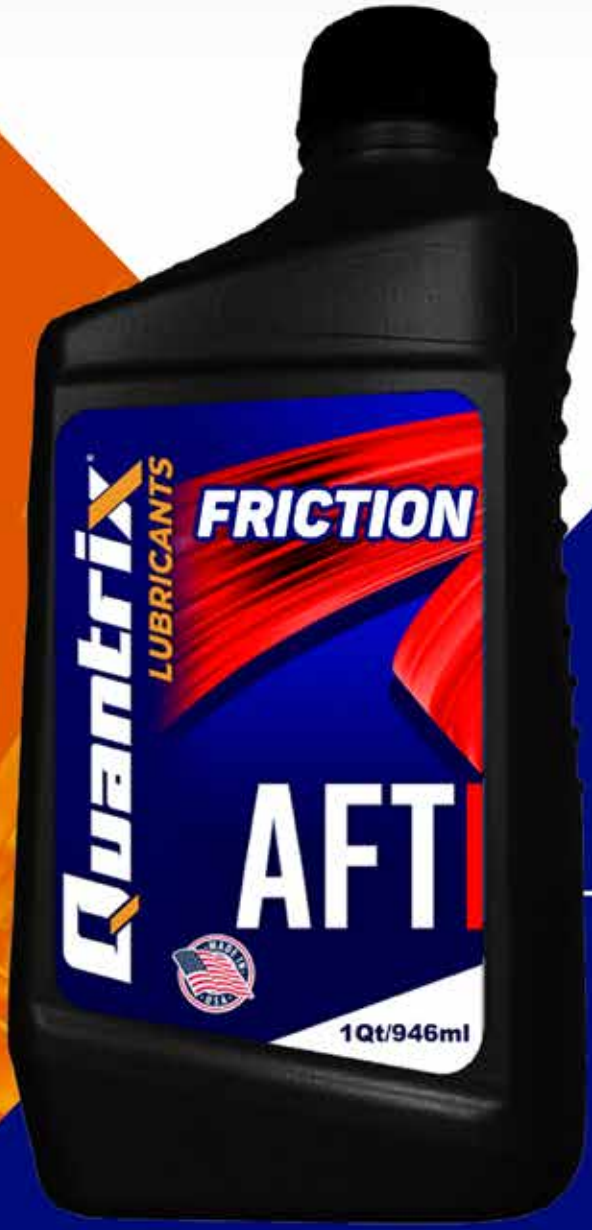

FRICTION

www.quantrixproducts.com

QL- Frictio 4T (Four Stroke)
Full Synthetic Engine Oil
SAE 5W-40, 10W-40, 10W-50 API SN, JASO MA2

Product Description

QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke) are full synthetic, super high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with 100% synthetic basestocks and premium performance additives, **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are full synthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*5W-40*	*10W-40*	*10W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	84.5	89.2	107.65
Viscosity @ 100°C, cSt, ASTM D445	14.5	14.5	17.5
Viscosity Index, ASTM D2270	180	170	180
CCS Apparent Viscosity, cP, ASTM D5293	6,000@-30°C	5,800@-25°C	6,500@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	24,000@-35°C	19,000@-30°C	23,000@-30°C
Flash Point, °C, ASTM D92	215	215	215
Pour Point, °C, ASTM D97	-42	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
API SN, JASO MA2, JASO MA

Product Codes:
SAE 5W-40 – SFE090
SAE 10W-40 – SFE091
SAE 10W-50 – SFE093

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- Frictio 4T (Four Stroke)
Full Synthetic Engine Oil
SAE 5W-40, 10W-40, 10W-50 API SN, JASO MA2

Product Description

QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke) are full synthetic, super high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with 100% synthetic basestocks and premium performance additives, **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are full synthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*5W-40*	*10W-40*	*10W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	84.5	89.2	107.65
Viscosity @ 100°C, cSt, ASTM D445	14.5	14.5	17.5
Viscosity Index, ASTM D2270	180	170	180
CCS Apparent Viscosity, cP, ASTM D5293	6,000@-30°C	5,800@-25°C	6,500@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	24,000@-35°C	19,000@-30°C	23,000@-30°C
Flash Point, °C, ASTM D92	215	215	215
Pour Point, °C, ASTM D97	-42	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
API SN, JASO MA2, JASO MA

Product Codes:
SAE 5W-40 – SFE090
SAE 10W-40 – SFE091
SAE 10W-50 – SFE093

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL- Frictio 4T (Four Stroke) Full Synthetic Engine Oil

SAE 5W-40 10W-40 10W-50, API SN JASO MA2

Product Description

QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke) are full synthetic, super high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with 100% synthetic basestocks and premium performance additives, **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are full synthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*5W-40*	*10W-40*	*10W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	84.5	89.2	107.65
Viscosity @ 100°C, cSt, ASTM D445	14.5	14.5	17.5
Viscosity Index, ASTM D2270	180	170	180
CCS Apparent Viscosity, cP, ASTM D5293	6,000@-30°C	5,800@-25°C	6,500@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	24,000@-35°C	19,000@-30°C	23,000@-30°C
Flash Point, °C, ASTM D92	215	215	215
Pour Point, °C, ASTM D97	-42	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API SN, JASO MA2, JASO MA

Product Codes:

SAE 5W-40 – SFE090
SAE 10W-40 – SFE091
SAE 10W-50 – SFE093

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- Frictio 4T (Four Stroke)
Full Synthetic Engine Oil
SAE 5W-40, 10W-40, 10W-50 API SN, JASO MA2

Product Description

QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke) are full synthetic, super high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with 100% synthetic basestocks and premium performance additives, **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are full synthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*5W-40*	*10W-40*	*10W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	84.5	89.2	107.65
Viscosity @ 100°C, cSt, ASTM D445	14.5	14.5	17.5
Viscosity Index, ASTM D2270	180	170	180
CCS Apparent Viscosity, cP, ASTM D5293	6,000@-30°C	5,800@-25°C	6,500@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	24,000@-35°C	19,000@-30°C	23,000@-30°C
Flash Point, °C, ASTM D92	215	215	215
Pour Point, °C, ASTM D97	-42	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
API SN, JASO MA2, JASO MA

Product Codes:
SAE 5W-40 – SFE090
SAE 10W-40 – SFE091
SAE 10W-50 – SFE093

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- Frictio 4T (Four Stroke)
Full Synthetic Engine Oil
SAE 5W-40, 10W-40, 10W-50 API SN, JASO MA2

Product Description

QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke) are full synthetic, super high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with 100% synthetic basestocks and premium performance additives, **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Full Synthetic Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are full synthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*5W-40*	*10W-40*	*10W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	84.5	89.2	107.65
Viscosity @ 100°C, cSt, ASTM D445	14.5	14.5	17.5
Viscosity Index, ASTM D2270	180	170	180
CCS Apparent Viscosity, cP, ASTM D5293	6,000@-30°C	5,800@-25°C	6,500@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	24,000@-35°C	19,000@-30°C	23,000@-30°C
Flash Point, °C, ASTM D92	215	215	215
Pour Point, °C, ASTM D97	-42	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
API SN, JASO MA2, JASO MA

Product Codes:
SAE 5W-40 – SFE090
SAE 10W-40 – SFE091
SAE 10W-50 – SFE093

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- Frictio 4T (Four Stroke) Synthetic Blend Engine Oil

SAE 10W-30, 10W-40, 20W-50 API SL, JASO MA2

Product Description

QL- Frictio Synthetic Blend Engine Oils 4T (Four-Stroke) are parasynthetic, high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with synthetic basestocks and premium performance additives, **QL- Frictio Synthetic Blend Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **QL- Frictio Synthetic Blend Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are parasynthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*10W-30*	*10W-40*	*20W-50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	69.55	97.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	11.0	14.5	18.5
Viscosity Index, ASTM D2270	150	155	130
CCS Apparent Viscosity, cP, ASTM D5293	4,800@-25°C	5,200@-25°C	7,000@-15°C
MRV Apparent Viscosity, cP, ASTM D4684	16,000@-30°C	23,000@-30°C	18,000@-20°C
Flash Point, °C, ASTM D92	215	215	220
Pour Point, °C, ASTM D97	-42	-40	-30

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API SL
JASO MA2
JASO MA

Product Codes:

SAE 10W-30 – SXF190
SAE 10W-40 – SXF191
SAE 20W-50 – SXF192

Corporate Office:
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Miami, FL, 33172
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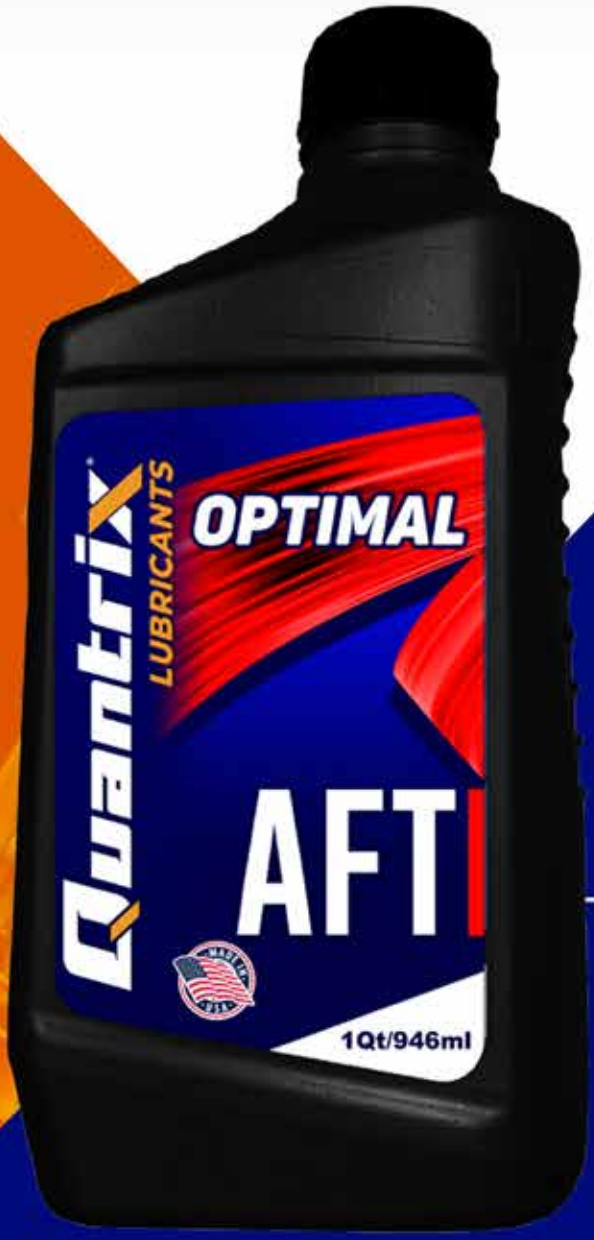


OPTIMAL

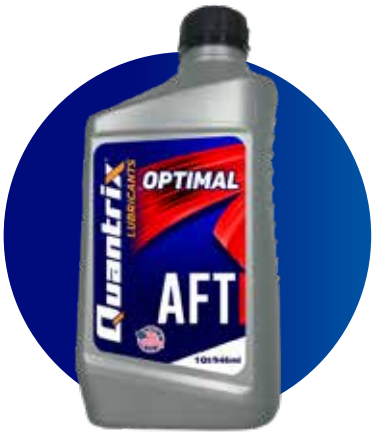
www.quantrixproducts.com

Quantrix® LUBRICANTS

QL-OPTIMAL
Multi-Purpose ATF

Product Description

***QL-OPTIMAL* Multi-Purpose ATF** is a quality automatic transmission fluid which is suitable for use in applications which require GM Dexron III or Ford Mercon specification fluids as well as most other pre-2006 ATF applications. This product is formulated with group II paraffinic base stocks and a performance additive package to provide adequate anti-shudder, anti-oxidant, anti-wear, and anti-foam properties. This oil is also suitable for use as a power steering fluid, hydraulic fluid, and/or industrial fluid when a "Dexron III/Mercon" type ATF is recommended.



Typical Properties*

Parameter	*Result*
Appearance, Visual	Red, Dyed, Liquid
Viscosity @ 40°C, cSt, ASTM D445	34.0
Viscosity @ 100°C, cSt, ASTM D445	7.10
Viscosity Index, ASTM D2270	178
Brookfield Viscosity @-40°C, ASTM D2983, cP	16,250
Flash Point, °C, ASTM D92	190
Pour Point, °C, ASTM D97	-48

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

GM Dexron III-H, II-E, II
Ford Mercon
Allison C-4, TES-389

NOT Recommended for Ford Type F Fluids, or any ATF application specification newer than 2006, such as Dexron VI, Mercon V, or Mercon LV.

Product Code: SXM405

MADE IN USA

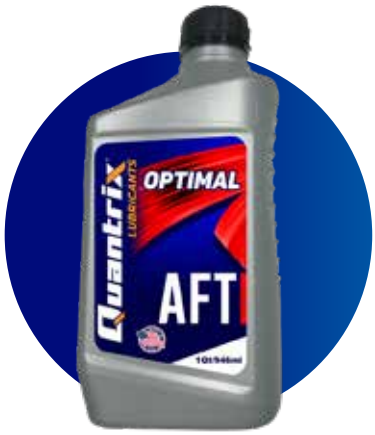
Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-OPTIMAL
Full Synthetic CVT Fluid

Product Description

***QL-OPTIMAL* Full Synthetic CVT Fluid** is a fully synthetic continuously variable transmission lubricant reinforced with a premium transmission additive package specifically designed to provide superior protection and performance to chain or push belt continuously variable transmissions. Suitable for use in most CVT applications, ***QL-OPTIMAL* Full Synthetic CVT** Fluid exhibits outstanding shear stability (stay-in-grade viscometrics) as well as excellent anti-scuffing properties to protect against metal-to-metal wear. Furthermore, the premium synthetic base stock utilized provides outstanding oxidation stability coupled with excellent low temperature properties.



Typical Properties*

Parameter	*Result*
Appearance, Visual	Red, Dyed Liquid
Viscosity @ 40°C, cSt, ASTM D445	34.0
Viscosity @ 100°C, cSt, ASTM D445	7.2
Viscosity Index, ASTM D2270	183
Brookfield Viscosity @-40°C, ASTM D2983, cP	12,250
Flash Point, °C, ASTM D92	195
Pour Point, °C, ASTM D97	-52

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

- Audi : TL 52180; G052 180 A2; G052 516
- Chrysler : CVTF+4
- Dodge / Jeep : NS-2; CVTF+4/MOPAR CVTF+4
- Ford : CFT23; CFT30 / Mercon C
- GM/Saturn : DEX-CVT
- Hyundai / Kia : SP-CVT-1
- Nissan : NS-1; NS-2; NS-3
- Mercedes Benz : CVT28 / MB 236.20
- Mitsubishi : DiaQueen CVTF-J1; DiaQueen CVTF-J4
- Shell : Green 1V
- Subaru : CV-30; e-CVTF
- Toyota : Fluid TC; Fluid FE
- VW : TL 52180, G 052 180 A2; G 052 516
- BMW : 83 22 0 136 376; 83 22 0 429 154 (EZL 799A)
- Daihatsu : Amix CVTF-DC; Amix CVTF-DFE; Fluid TC
- Ford : CVT WSS-M2C-933-A / XT-7QCFT
- Fujijyuuko : i-CVTF FG
- Honda : Multimatic Fluid (HMMF); HCF-2
- Lexus : Fluid TC; Fluid FE
- Mazda : CVTF 3320
- Mini Cooper : EZL 799A / ZF CVT V1
- Punch : EZL 799A
- Subaru : i-CVTF; Lineartronic CVTF; K0425Y0710
- Suzuki : CVTF 3320; TC; NS-2; CVTF Green 1; CVTF Green 2
- Volvo : CVT 4959

Product Code: SME403

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

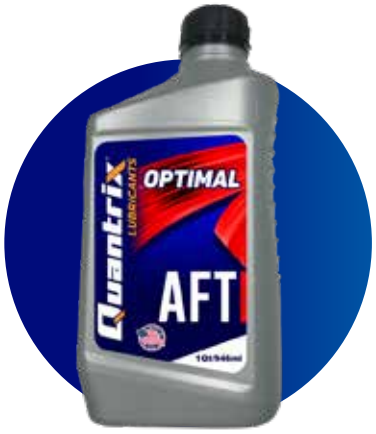
QL-OPTIMAL
Full Synthetic DCT Fluid

Product Description

***QL-OPTIMAL* Full Synthetic DCT Fluid** is a premium full synthetic Dual Clutch Transmission Fluid designed for use in most Wet Dual Clutch Transmissions in North America, Europe, and Asia. This fluid exhibits excellent oxidation and corrosion protection coupled with outstanding friction durability to provide smooth shift feel. Additionally, this fluid provides good seal compatibility and excellent wear protection to provide critical protection to seal and gear box components.

Typical Properties*

Parameter	*Result*
Appearance, Visual	Amber, Transparent, Liquid
Viscosity @ 40°C, cSt, ASTM D445	32.0
Viscosity @ 100°C, cSt, ASTM D445	7.0
Viscosity Index, ASTM D2270	189
Brookfield Viscosity @-40°C, ASTM D2983, cP	12,000
Flash Point, °C, ASTM D92	200
Pour Point, °C, ASTM D97	-50



**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

VW TL 052 182, TL 052 529
BMW 83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477 (BMW DCTF-1)
Peugeot/Citroen 9734.S2
Fiat BOT 341
Ford M2C936A (BOT 341)
MB 236.21, 236.25
MZ320065 Dia-Queen SSTF-I
Porsche Oil No. 999.917.080.00 (FFL-3)
Renault BOT 450
Volvo 1161838, 1161839

Product Code: SME404

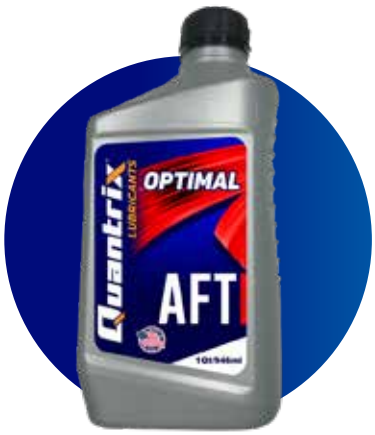
Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-OPTIMAL
Full Synthetic HD ATF

Product Description

***QL-OPTIMAL* Elite Full Synthetic HD ATF** is a high-viscosity, multi-vehicle full synthetic heavy-duty automatic transmission fluid designed for exceptional performance in a myriad of heavy-duty truck and passenger vehicle automatic transmission fluid applications. This product is formulated with synthetic base oils and a premium performance additive package to provide outstanding oxidation stability, frictional properties, resistance to sludge and varnish, and anti-wear protection. This ATF provides optimal frictional characteristics to prevent stick, slip or shudder as well as excellent shudder durability to provide smooth shifting and clutch performance throughout the lifetime of the product.



Typical Properties*

Parameter	*Result*
Appearance	Red, Dyed Liquid
Viscosity @ 40°C, cSt, ASTM D445	34.0
Viscosity @ 100°C, cSt, ASTM D445	7.3
Viscosity Index, ASTM D2270	188
Brookfield Viscosity @-40°C, ASTM D2983, cP	11,000
Flash Point, °C, ASTM D92	205
Pour Point, °C, ASTM D97	-52

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use[1]:

- Allison TES-295+, TES-389+, C-4
- Ford MERCON®, MERCON® V
- Chysler ATF +3 (SM7176-E), ATF +4 (MS9602)
- Hyundai/Kia SP-IV, SPH-IV/SP4-M
- Idemitsu ATF HP, K17
- JASO M315 Class 1A and 2013, 1A-LV
- MAN 339 V-2, 339 Z-2
- MB 236.12, MB 236.14, MB 236.15
- Nissan 402, Matic D/J/K/S
- Voith H55.6336.XX
- General Motors DEXRON®-II(E), DEXRON-III(G,H) DEXRON VI*
- Honda/Acura DW-1, ATF-Z1
- Hyundai/Kia/Mitsubishi Diamond SP, SP-II, SP-III
- Isuzu ATF-II, ATF-III, Genuine ATF
- Mazda ATF 3317, F-1, FZ/S-1/N-1, M-III, M-V
- MB 236.41/5/6/7/8/9/91/10/11*, NAG-1
- Mitsubishi ATF-J2, ATF-J3
- Subaru ATF, ATF 5AT, ATF-HP
- Volvo 97341
- ZF TE-ML 03D, TE-ML 04D, TE-ML 14B, TE-ML 16L, TE-ML 17C, TE-ML 20B

1 – Contact your Synthex Sales Representative for a current, complete list of suitable for use applications.
** Viscometrics may not match OEM requirements. California law prohibits manufacturers of multi-vehicle ATF from recommending products in applications where the viscosity profile does not match OEM specifications. Therefore, this product is not recommended for use or sale in the State of California.*
+Allison TES-295 and TES-389 are registered trademarks of Allison Transmissions, Inc. Synthex Optimum Elite Full Synthetic HD ATF is suitable for Allison TES-389 standard drain and Allison TES-295 extended drain service; however, it is not approved by Allison for these applications.

Cannot be used in Type F, CVT or DCT applications.

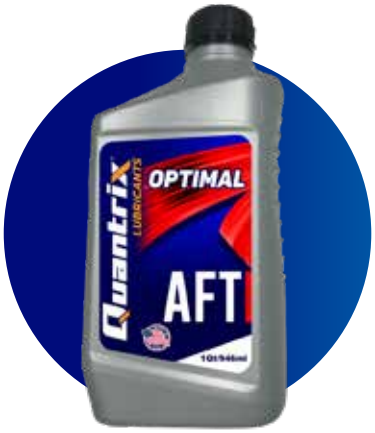
MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-OPTIMAL
Synthetic Multi-Vehicle ATF

Product Description

Formulated with synthetic base stocks and premium performance additives, **QL-OPTIMAL SYNTHETIC MULTI-VEHICLE ATF** is a premium grade low viscosity synthetic automatic transmission lubricant. This product contains a premium performance additive package designed for excellent oxidation stability and thermal resistance as well as excellent friction modification properties. **QL-OPTIMAL SYNTHETIC MULTI-VEHICLE ATF** is a multipurpose automatic transmission lubricant which is suitable for use in applications which require GM DEXRON® VI as well as a variety of North American, Asian and European passenger car applications requiring low viscosity ATF.



Typical Properties*

Parameter	*Result*
Appearance, Visual	Red, Dyed Liquid
Viscosity @ 40°C, cSt, ASTM D445	29.5
Viscosity @ 100°C, cSt, ASTM D445	6.0
Viscosity Index, ASTM D2270	155
Brookfield Viscosity @-40°C, ASTM D2983, cP	12,000
Flash Point, °C, ASTM D92	190
Pour Point, °C, ASTM D97	-52

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use[1]:

- Ford MERCON®*, MERCON® V*, MERCON® SP*, MERCON® LV*
- General Motors DEXRON®-II(E), DEXRON-III(G,H), DEXRON-VI
- BMW LT 71141, LA2634, M-1375.4, 7045-E, ETL-8072B
- Chysler ATF +3 (SM7176-E)*, ATF +4 (MS9602)*
- Aisin Warner AW-1
- Allison TES-389*, C-4
- Honda/Acura DW-1, ATF-Z1
- Hyundai/Kia SP-IV, SPH-IV/SP4-M
- Hyundai/Kia/Mitsubishi Diamond SP, SP-II, SP-III
- Idemitsu ATF HP, K17
- Isuzu ATF-II, ATF-III, Genuine ATF
- JASO M315 Class 1A* and 2013, 1A-LV
- Mazda ATF 3317, F-1, FZ/S-1/N-1, M-III, M-V
- MB 236.41/5/6/7/8/9/91/10/11, NAG-1
- MB 236.12*, MB 236.14*, MB 236.15*
- Mitsubishi ATF-J2, ATF-J3
- Nissan 402, Matic D/J/K/S
- Subaru ATF, ATF 5AT, ATF-HP

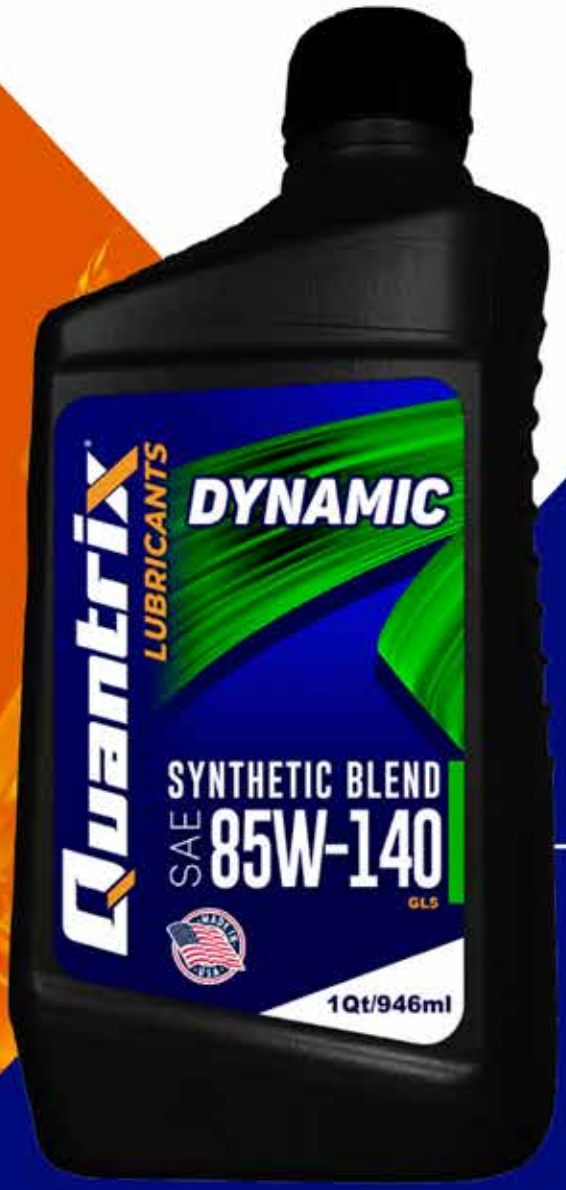
1 – Contact your Synthex Sales Representative for a current, complete list of suitable for use applications.

** Viscometrics do not match OEM requirements. California law prohibits manufacturers of multi-vehicle ATF from recommending products in applications where the viscosity profile does not match OEM specifications. Therefore, this product is not recommended for use or sale in the State of California.*

Product Code: SME401

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix®
LUBRICANTS



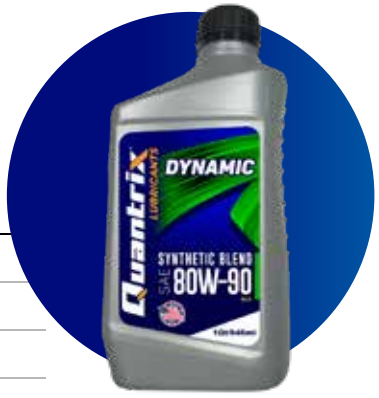
DYNAMIC

www.quantrixproducts.com

QL-DYNAMIC Elite
Full Synthetic Manual Transmission Fluids
SAE 40 & SAE 50

Product Description

QL-DYNAMIC Elite SAE 40 and SAE 50 Full Synthetic Manual Transmission Fluid are full synthetic powershift heavy-duty transmission fluids specially formulated for heavy-duty manual transmissions requiring a non-EP oil in severe service conditions and extended drain applications. Offering exceptional transmission friction performance, smooth brake operation, gear/bearing wear protection, and increased equipment life, **_QL-DYNAMIC_ Elite SAE 50 Full Synthetic Manual Transmission Fluid** is formulated from synthetic base stocks with high viscosity-index and low pour point, providing superior all-climate, year round performance. These oils also contain an anti-wear additive, as well as rust, oxidation and corrosion inhibitors to protect vital transmission parts in severe heat and shear conditions.



Typical Properties*

SAE J300 Viscosity Grade	_SAE 40_	_SAE 50_
Appearance, Visual	Yellow, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	91.75	144.0
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	165	145
Flash Point, °C, ASTM D92	225	235
Pour Point, °C, ASTM D97	-47	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API GL-4 / MT-1
Eaton Extended Drain PS 164 rev. 7 & Eaton Extended Drain PS 386 (SAE 40 Only)
Meritor Extended Drain (TP 900014) & Meritor O-81
Mack TO-A plus
Navistar TMS 6816 & Navistar MPAPS B-6816 Type II (SAE 40 Only)
Volvo 97305

Product Code

SAE 40 – SGE304; **SAE 50** – SGE305

MADE IN USA

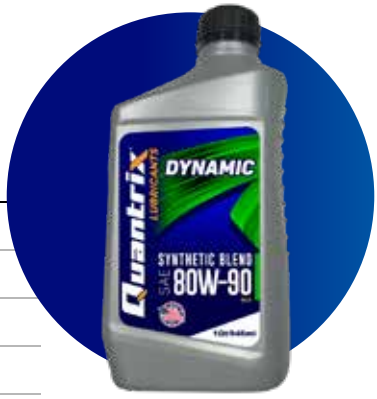
Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-DYNAMIC Elite
Full Synthetic Manual Transmission Fluids
SAE 40 & SAE 50

Product Description

QL-DYNAMIC **Elite SAE 40 and SAE 50 Full Synthetic Manual Transmission Fluid** are full synthetic powershift heavy-duty transmission fluids specially formulated for heavy-duty manual transmissions requiring a non-EP oil in severe service conditions and extended drain applications. Offering exceptional transmission friction performance, smooth brake operation, gear/bearing wear protection, and increased equipment life, ***QL-DYNAMIC*** **Elite SAE 50 Full Synthetic Manual Transmission Fluid** is formulated from synthetic base stocks with high viscosity-index and low pour point, providing superior all-climate, year round performance. These oils also contain an anti-wear additive, as well as rust, oxidation and corrosion inhibitors to protect vital transmission parts in severe heat and shear conditions.



Typical Properties*

SAE J300 Viscosity Grade	***SAE 40***	***SAE 50***
Appearance, Visual	Yellow, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	91.75	144.0
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	165	145
Flash Point, °C, ASTM D92	225	235
Pour Point, °C, ASTM D97	-47	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API GL-4 / MT-1
Eaton Extended Drain PS 164 rev. 7 & Eaton Extended Drain PS 386 (SAE 40 Only)
Meritor Extended Drain (TP 900014) & Meritor O-81
Mack TO-A plus
Navistar TMS 6816 & Navistar MPAPS B-6816 Type II (SAE 40 Only)
Volvo 97305

Product Code

SAE 40 – SGE304; **SAE 50** – SGE305

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-DYNAMIC Elite

Synthetic Limited Slip Gear Oils
SAE 75W-90, 75W-140, 80W-140; GL-5

Product Description

***QL-DYNAMIC* ELITE 75W-90, 75W-140, and 80W-140 API GL-5, MT-1 SYNTHETIC LIMITED SLIP GEAR OILS** are formulated with synthetic base oils and specialty performance additives to provide improved high-temperature thermal and oxidative stability in a wide range of operating conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, ***QL-DYNAMIC* ELITE SYNTHETIC LIMITED SLIP GEAR OILS** are highly shear stable while also resisting rust, oxidation, foaming, and varnish. ***QL-DYNAMIC* ELITE 75W-90, 75W-140 and 80W-140 API GL-5, MT-1 SYNTHETIC GEAR OILS** are designed for use in all seasons and exceed the year-around, all-weather performance viscosity requirements of SAE J306 as well as the rigorous performance requirements of API GL-5 and MT-1. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Lubricants meeting API MT-1 provide protection against the combination of thermal degradation, component wear, and oil seal deterioration which is not provided by lubricants meeting only the requirements of API GL-5. These oils also meet or exceed the performance requirements of the following industry and OEM specifications: API GL-5, API MT-1, Mack GO-J Plus (75W-90), Mack GO-J (75W-140), SAE J2360, and Meritor 076-E.

Typical Properties*

SAE J300 Viscosity Grade	*75W-90*	*75W-140*	*80W-140*
Appearance, Visual	Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	113.2	176.7	230.25
Viscosity @ 100°C, cSt, ASTM D445	15.5	25.0	26.0
Viscosity Index, ASTM D2270	145	175	145
Flash Point, °C, ASTM D92	205	205	210
Pour Point, °C, ASTM D97	-50	-48	-36

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API GL-5, MT-1; SAE J2360
Mack GO-J (75W-140, 80W-140)
Mack GO-J Plus (75W-90)
Meritor 076-E

Product Code

SAE 75W-90 – SGE301; **SAE 75W-140** – SGE302; **SAE 80W-140** – SGE303

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-DYNAMIC Elite
Synthetic Limited Slip Gear Oils
SAE 75W-90, 75W-140, 80W-140; GL-5

Product Description

QL-DYNAMIC **ELITE 75W-90, 75W-140, and 80W-140 API GL-5, MT-1 SYNTHETIC LIMITED SLIP GEAR OILS** are formulated with synthetic base oils and specialty performance additives to provide improved high-temperature thermal and oxidative stability in a wide range of operating conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, ***QL-DYNAMIC*** **ELITE SYNTHETIC LIMITED SLIP GEAR OILS** are highly shear stable while also resisting rust, oxidation, foaming, and varnish. ***QL-DYNAMIC*** **ELITE 75W-90, 75W-140 and 80W-140 API GL-5, MT-1 SYNTHETIC GEAR OILS** are designed for use in all seasons and exceed the year-around, all-weather performance viscosity requirements of SAE J306 as well as the rigorous performance requirements of API GL-5 and MT-1. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Lubricants meeting API MT-1 provide protection against the combination of thermal degradation, component wear, and oil seal deterioration which is not provided by lubricants meeting only the requirements of API GL-5. These oils also meet or exceed the performance requirements of the following industry and OEM specifications: API GL-5, API MT-1, Mack GO-J Plus (75W-90), Mack GO-J (75W-140), SAE J2360, and Meritor 076-E.

Typical Properties*

SAE J300 Viscosity Grade	*75W-90*	*75W-140*	*80W-140*
Appearance, Visual	Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	113.2	176.7	230.25
Viscosity @ 100°C, cSt, ASTM D445	15.5	25.0	26.0
Viscosity Index, ASTM D2270	145	175	145
Flash Point, °C, ASTM D92	205	205	210
Pour Point, °C, ASTM D97	-50	-48	-36

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:
API GL-5, MT-1; SAE J2360
Mack GO-J (75W-140, 80W-140)
Mack GO-J Plus (75W-90)
Meritor 076-E

Product Code
SAE 75W-90 – SGE301; **SAE 75W-140** – SGE302; **SAE 80W-140** – SGE303

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-DYNAMIC
Gear Oils
SAE 80W-90 & 85W-140; API GL-5

Product Description

QL-DYNAMIC **80W-90 & 85W-140 API GL-5 GEAR OILS** are formulated with high viscosity-index, paraffinic base oils and specialty performance additives. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally,***QL-DYNAMIC*** **80W - 90 & 85W-140 API GL-5 GEAR OILS** are highly shear stable while also resisting rust, oxidation, foaming, and varnish.

Typical Properties*

SAE J300 Viscosity Grade	*80w-90*	*85-w140*
Appearance, Visual	Amber, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	139.80	290.85
Viscosity @ 100°C, cSt, ASTM D445	15.5	26.5
Viscosity Index, ASTM D2270	115	120
Flash Point, °C, ASTM D92	210	225
Pour Point, °C, ASTM D97	-30	-18

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:
API GL-5

Product Code
SAE 80W-90 – SXG306; **SAE 85W-140** – SXG307

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-DYNAMIC Elite
Synthetic Limited Slip Gear Oils
SAE 75W-90, 75W-140, 80W-140; GL-5

Product Description

QL-DYNAMIC **ELITE 75W-90, 75W-140, and 80W-140 API GL-5, MT-1 SYNTHETIC LIMITED SLIP GEAR OILS** are formulated with synthetic base oils and specialty performance additives to provide improved high-temperature thermal and oxidative stability in a wide range of operating conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, ***QL-DYNAMIC*** **ELITE SYNTHETIC LIMITED SLIP GEAR OILS** are highly shear stable while also resisting rust, oxidation, foaming, and varnish ***QL-DYNAMIC*** **ELITE 75W-90, 75W-140 and 80W-140 API GL-5, MT-1 SYNTHETIC GEAR OILS** are designed for use in all seasons and exceed the year-around, all-weather performance viscosity requirements of SAE J306 as well as the rigorous performance requirements of API GL-5 and MT-1. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Lubricants meeting API MT-1 provide protection against the combination of thermal degradation, component wear, and oil seal deterioration which is not provided by lubricants meeting only the requirements of API GL-5. These oils also meet or exceed the performance requirements of the following industry and OEM specifications: API GL-5, API MT-1, Mack GO-J Plus (75W-90), Mack GO-J (75W-140), SAE J2360, and Meritor 076-E.

Typical Properties*

SAE J300 Viscosity Grade	*75W-90*	*75W-140*	*80W-140*
Appearance, Visual	Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	113.2	176.7	230.25
Viscosity @ 100°C, cSt, ASTM D445	15.5	25.0	26.0
Viscosity Index, ASTM D2270	145	175	145
Flash Point, °C, ASTM D92	205	205	210
Pour Point, °C, ASTM D97	-50	-48	-36

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:
API GL-5, MT-1; SAE J2360
Mack GO-J (75W-140, 80W-140)
Mack GO-J Plus (75W-90)
Meritor 076-E

Product Code
SAE 75W-90 – SGE301; **SAE 75W-140** – SGE302; **SAE 80W-140** – SGE303

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-DYNAMIC
Gear Oils
SAE 80W-90 & 85W-140; API GL-5

Product Description

***QL-DYNAMIC* 80W-90 & 85W-140 API GL-5 GEAR OILS** are formulated with high viscosity-index, paraffinic base oils and specialty performance additives. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, ***QL-DYNAMIC* 80W-90 & 85W-140 API GL-5 GEAR OILS** are highly shear stable while also resisting rust, oxidation, foaming, and varnish.

Typical Properties*

SAE J300 Viscosity Grade	*80w-90*	*85-w140*
Appearance, Visual	Amber, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	139.80	290.85
Viscosity @ 100°C, cSt, ASTM D445	15.5	26.5
Viscosity Index, ASTM D2270	115	120
Flash Point, °C, ASTM D92	210	225
Pour Point, °C, ASTM D97	-30	-18

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:
API GL-5

Product Code
SAE 80W-90 – SXG306; **SAE 85W-140** – SXG307

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

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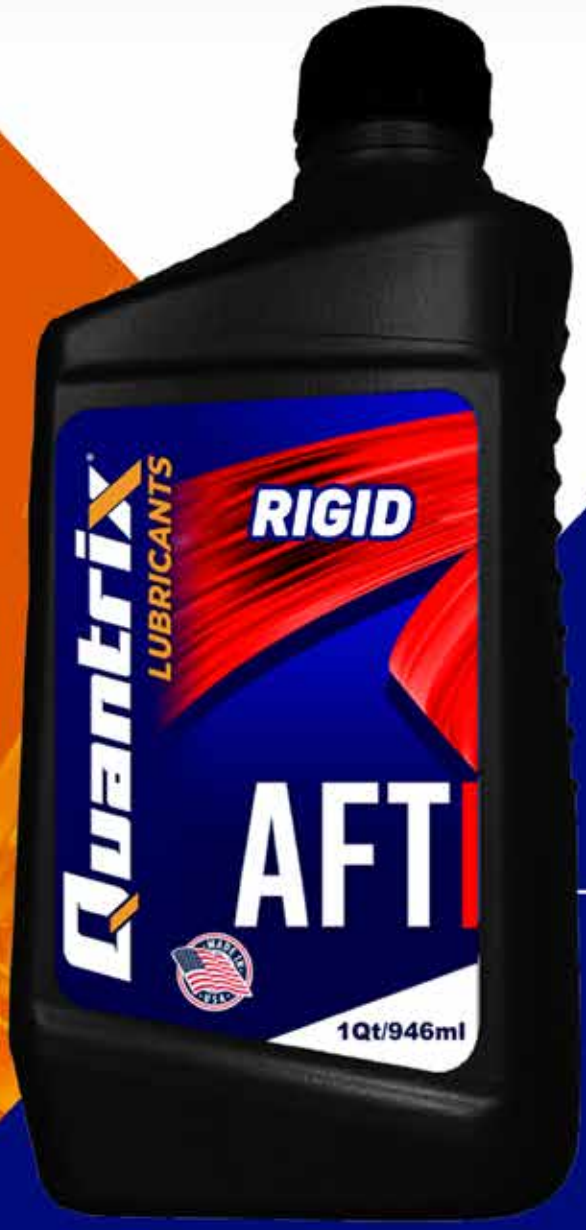

RIGID

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QL-RIGID
Tractor Hydraulic Fluid

Product Description

QL-RIGID PREMIUM TRACTOR HYDRAULIC FLUID is formulated with high-viscosity index base stocks and premium performance additives. This multipurpose oil is designed for use in transmissions, differentials, hydraulic, and power-steering units in many different makes of tractors and farm equipment. Designed for all-season use, this multi-grade oil is specialty blended to prevent rust, corrosion, foaming and oxidation. This oil exceeds the performance of John Deere's J20C specification.

Typical Properties*

Parameter	*Result*
Appearance, Visual	Amber, Liquid
Viscosity @ 40°C, cSt, ASTM D445	55
Viscosity @ 100°C, cSt, ASTM D445	9.5
Viscosity Index, ASTM D2270	147
Flash Point, °C, ASTM D92	215
Pour Point, °C, ASTM D97	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

John Deere - J20C
New Holland (Ford) - FNHA-2-C-201.00 (M2C134-D), M2C41-B, M2C48-B, M2C53-A, M2C134-A, M2C134-B, M2C134-C, M2C86-B
Massey-Ferguson - M1135, M1141, M1143, M1110, M1127, M1129-A
Case International - MS-1209 – HyTran ULTRA R, MS-1207 – HyTran Plus, JIC-145/MS-1210, JIC-185/MS-1204, MS-1205, MS-1206, B-6
Kubota, White Farm - Q-1826, Q-1705, Q-1766, Q-1802,
Allison C-4,
Caterpillar TO-2
Denison HF-0, HF-1, HF-2 A
Sperry Vickers I-286-S, M-2950-S R
Sundstrand Hydraulics
Plessey-Sundstrand, Steiger, Versatile, Deutz-Allis, Landini, Fiat-Hesston

Product Code: SXD502

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-RIGID
Transmission Drivetrain Oil

Product Description

QL-RIDID Multiplex Transmission Drivetrain Oil is multi-purpose lubricant designed for applications which require Caterpillar specification TO-4M or TO-4 fluids. This premium multi-use product is formulated with a blend of highly refined paraffinic base stocks and premium performance additives which provide excellent anti-wear, detergent, anti-oxidant, and anti-foam properties. This product provides good low temperature fluidity and even viscometrics across wide temperatures thus eliminating the need for seasonal oil changes often consolidating fluid inventories to one single fluid.

Typical Properties*

Parameter	*Result*
Appearance, Visual	Amber, Transparent, Liquid
Viscosity @ 40°C, cSt, ASTM D445	110
Viscosity @ 100°C, cSt, ASTM D445	14.5
Viscosity Index, ASTM D2270	135
Flash Point, °C, ASTM D92	225
Pour Point, °C, ASTM D97	-35

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Caterpillar TO-4M, TO-4
Allison C-4
Dana Powershift
Komatsu KES 07.868.1
Komatsu Dresser
Tremec/TTC
Vickers 35VQ25
ZF TE-ML-03C

Product Code: SXD508

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-RIGID
Super Tractor Oil Universal
SAE 10W-30 & SAE 15W-40

Product Description

QL-RIDID Super Tractor Oil Universal SAE 10W-30 and SAE 15W-40 are premium multi-purpose tractor lubricants designed for use in engines, transmissions, final drives and hydraulic systems of various off-road equipment. These multi-use fluids are formulated with group II paraffinic base stocks and a premium performance additive package which provides robust anti-wear, anti-oxidant, anti-foam, and detergent properties. Further, specialty friction modifiers minimize chatter, sticking or slipping for wet brakes and power take-off clutches. These -multi-grade fluids are designed for year-round performance in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	*10W-30*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	67.25	103.4
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.5
Viscosity Index, ASTM D2270	145	145
CCS Apparent Viscosity, cP, ASTM D5293	5,500@-25°C	5,950@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	21,000@-20°C	18,500@-15°C
Flash Point, °C, ASTM D92	215	225
Pour Point, °C, ASTM D97	-35	-32

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CF-4, CF, CE, CD/SF
API GL-4
Massey Ferguson MF 1145, 1144
Massey Ferguson MF 1139 (10W-30)
John Deere J27C
ZF TE ML 06B, 07B
Ford M2C 159 B/C
Ford New Holland 82009201/2/3

Product Code:

SAE 10W-30 – SXD503
SAE 15W-40 – SXD504

Corporate Office:
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Miami, FL, 33172
(800) 7666804

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QL-RIGID
Transmission Drivetrain Oils
SAE 10W, SAE 30 & SAE 50

Product Description

QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4 are high-performance multi-purpose transmission and drivetrain fluids designed for powershift transmissions, final drives, wet brakes, differentials, hydraulic, and power-steering units in many different makes of transmissions, tractors and heavy equipment. **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** are formulated with high viscosity-index type II paraffinic base stocks and premium performance additives. The comprehensive additive package includes detergents, anti-wear, anti-corrosion, and anti-foaming agents. The additive protections provide maximum gear life and capacity for wet brakes and power-take-off clutches, excellent wet brake noise suppression and filterability characteristics. These oils are specially blended to prevent rust, corrosion, foaming and oxidation. **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** is available in **SAE 10W, SAE 30 & SAE 50** viscosity grades.

Typical Properties*

SAE J300 Viscosity Grade	*SAE 10W*	*SAE 30*	*SAE 50*
Appearance, Visual		Amber, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	40.00	100.0	195.0
Viscosity @ 100°C, cSt, ASTM D445	6.3	11.5	18.0
Viscosity Index, ASTM D2270	105	102	100
Flash Point, °C, ASTM D92	200	215	230
Pour Point, °C, ASTM D97	-37	-18	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Allison C-4 – SAE 10W and 30 grades
Caterpillar TO-4, CD/TO-2 – all grades
Komatsu Micro-Clutch – all grades
Vickers (Eaton) M-2950-S

Product Code:
SAE 10W – SXD505
SAE 30 – SXD506
SAE 50 – SXD507

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-RIGID
Super Tractor Oil Universal
SAE 10W-30 & SAE 15W-40

Product Description

QL-RIGID Super Tractor Oil Universal SAE 10W-30 and SAE 15W-40 are premium multi-purpose tractor lubricants designed for use in engines, transmissions, final drives and hydraulic systems of various off-road equipment. These multi-use fluids are formulated with group II paraffinic base stocks and a premium performance additive package which provides robust anti-wear, anti-oxidant, anti-foam, and detergent properties. Further, specialty friction modifiers minimize chatter, sticking or slipping for wet brakes and power take-off clutches. These -multi-grade fluids are designed for year-round performance in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	***10W-30***	***15W-40***
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	67.25	103.4
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.5
Viscosity Index, ASTM D2270	145	145
CCS Apparent Viscosity, cP, ASTM D5293	5,500@-25°C	5,950@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	21,000@-20°C	18,500@-15°C
Flash Point, °C, ASTM D92	215	225
Pour Point, °C, ASTM D97	-35	-32

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CF-4, CF, CE, CD/SF
API GL-4
Massey Ferguson MF 1145, 1144
Massey Ferguson MF 1139 (10W-30)
John Deere J27C
ZF TE ML 06B, 07B
Ford M2C 159 B/C
Ford New Holland 82009201/2/3

Product Code:

SAE 10W-30 – SXD503
SAE 15W-40 – SXD504

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-RIGID
Transmission Drivetrain Oils
SAE 10W, SAE 30 & SAE 50

Product Description

QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4 are high-performance multi-purpose transmission and drivetrain fluids designed for powershift transmissions, final drives, wet brakes, differentials, hydraulic, and power-steering units in many different makes of transmissions, tractors and heavy equipment. **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** are formulated with high viscosity-index type II paraffinic base stocks and premium performance additives. The comprehensive additive package includes detergents, anti-wear, anti-corrosion, and anti-foaming agents. The additive protections provide maximum gear life and capacity for wet brakes and power-take-off clutches, excellent wet brake noise suppression and filterability characteristics. These oils are specially blended to prevent rust, corrosion, foaming and oxidation. **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** is available in **SAE 10W, SAE 30 & SAE 50** viscosity grades.

Typical Properties*

SAE J300 Viscosity Grade	*SAE 10W*	*SAE 30*	*SAE 50*
Appearance, Visual		Amber, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	40.00	100.0	195.0
Viscosity @ 100°C, cSt, ASTM D445	6.3	11.5	18.0
Viscosity Index, ASTM D2270	105	102	100
Flash Point, °C, ASTM D92	200	215	230
Pour Point, °C, ASTM D97	-37	-18	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Allison C-4 – SAE 10W and 30 grades
Caterpillar TO-4, CD/TO-2 – all grades
Komatsu Micro-Clutch – all grades
Vickers (Eaton) M-2950-S

Product Code:
SAE 10W – SXD505
SAE 30 – SXD506
SAE 50 – SXD507

MADE IN USA

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Quantrix® LUBRICANTS

QL-RIGID
Transmission Drivetrain Oils
SAE 10W, SAE 30 & SAE 50

Product Description

QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4 are high-performance multi-purpose transmission and drivetrain fluids designed for powershift transmissions, final drives, wet brakes, differentials, hydraulic, and power-steering units in many different makes of transmissions, tractors and heavy equipment. **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** are formulated with high viscosity-index type II paraffinic base stocks and premium performance additives. The comprehensive additive package includes detergents, anti-wear, anti-corrosion, and anti-foaming agents. The additive protections provide maximum gear life and capacity for wet brakes and power-take-off clutches, excellent wet brake noise suppression and filterability characteristics. These oils are specially blended to prevent rust, corrosion, foaming and oxidation **QL-RIGID TRANSMISSION DRIVETRAIN OILS, TO-4** is available in **SAE 10W, SAE 30 & SAE 50** viscosity grades.

Typical Properties*

SAE J300 Viscosity Grade	*SAE 10W*	*SAE 30*	*SAE 50*
Appearance, Visual		Amber, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	40.00	100.0	195.0
Viscosity @ 100°C, cSt, ASTM D445	6.3	11.5	18.0
Viscosity Index, ASTM D2270	105	102	100
Flash Point, °C, ASTM D92	200	215	230
Pour Point, °C, ASTM D97	-37	-18	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Allison C-4 – SAE 10W and 30 grades
Caterpillar TO-4, CD/TO-2 – all grades
Komatsu Micro-Clutch – all grades
Vickers (Eaton) M-2950-S

Product Code:
SAE 10W – SXD505
SAE 30 – SXD506
SAE 50 – SXD507

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-RIGID

Synthetic Tractor Hydraulic Fluid

Product Description

QL-RIGID **Elite Synthetic Tractor Hydraulic Fluid** is a full synthetic, top-tier, multi-purpose tractor transmission drivetrain oil designed for outstanding performance in severe agricultural or off-road applications including those with wide temperature variance. This sophisticated fluid is formulated with synthetic base stocks which exhibit excellent anti-oxidant and cold temperature properties thus extending fluid life and aiding fluidity at cold temperatures. Further, this product is fortified with a synergistic complex additive system to provide robust anti-wear, anti-rust, and detergent protection for critical equipment protection.

Typical Properties*

Parameter	*Result*
Appearance, Visual	Amber, Liquid
Viscosity @ 40°C, cSt, ASTM D445	50.8
Viscosity @ 100°C, cSt, ASTM D445	9.5
Viscosity Index, ASTM D2270	175
Flash Point, °C, ASTM D92	215
Pour Point, °C, ASTM D97	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

John Deere - J20C
New Holland (Ford) - FNHA-2-C-201.00 (M2C134-D), M2C41-B, M2C48-B, M2C53-A, M2C134-A, M2C134-B, M2C134-C, M2C86-B
Massey-Ferguson - M1135, M1141, M1143, M1110, M1127, M1129-A
Case International - MS-1209 – HyTran ULTRA R, MS-1207 – HyTran Plus, JIC-145/MS-1210, JIC-185/MS-1204, MS-1205, MS-1206, B-6
Kubota, White Farm - Q-1826, Q-1705, Q-1766, Q-1802,
Allison C-4,
Caterpillar TO-2
Denison HF-0, HF-1, HF-2 A
Sperry Vickers I-286-S, M-2950-S R
Sundstrand Hydraulics
Plessey-Sundstrand, Steiger, Versatile, Deutz-Allis, Landini, Fiat-Hesston

Product Code: SDE501

Corporate Office:
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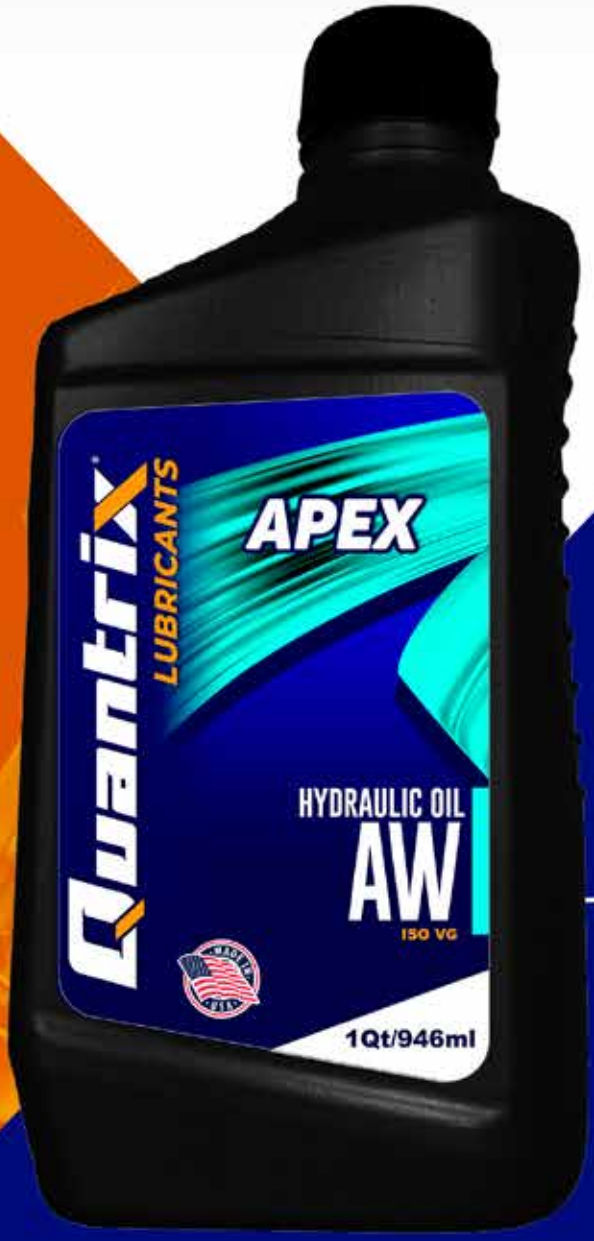

APEX

www.quantrixproducts.com

QL-APEX
AW Hydraulic Oil
ISO VG 22, 32, 46, 68 & 100

Product Description

Formulated with high viscosity-index paraffinic base stocks and premium performance additives, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** exhibit excellent oxidation stability, corrosion protection, shear stability, and pumpability in a wide array of operating conditions and temperatures. The comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency. Acceptable for a wide-range of applications, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** resist oxidation, rust, corrosion, foaming, varnish, and wear.

Typical Properties*

ISO VG	22	32	46	68	100
Appearance, Visual	Yellow, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0	100.0
Viscosity @ 100°C, cSt, ASTM D445	4.30	5.47	6.92	8.97	11.40
Viscosity Index, ASTM D2270	100	105	105	105	100
Flash Point, °C, ASTM D92	195	200	205	210	215
Pour Point, °C, ASTM D97	-20	-18	-15	-12	-10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SXA605
ISO VG 32 – SXA606
ISO VG 46 – SXA607
ISO VG 68 – SXA608
ISO VG 100 – SXA609

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Elite Multiplex
HVI AW Synthetic Hydraulic Oil
ISO VG 22, 32, 46 & 68

Product Description

QL-APEX Elite Multiplex HVI AW Hydraulic Oils are full synthetic, multi-grade, premium, multi-purpose hydraulic oils designed for use in severe applications as well as applications which may experience wide temperature variance. Formulated with synthetic base stocks and highly shear-stable viscosity modifiers, these multi-grade oils provide consistent viscometrics across wide temperature ranges ensuring even power transmission of the hydraulic system across wide operating temperatures. The carefully selected synthetic base stocks provide superior oxidation protection thus extending oil life. Further, these oils are fortified with an additive package that includes anti-wear, anti-oxidant, and anti-corrosion agents as well as demulsifier and defoamer. Available in the ISO 22, 32, 46, and 68 viscosity grades, **QL-APEX Elite Multiplex Synthetic AW Hydraulic Oils** are top tier synthetic hydraulic fluids recommended for the most demanding applications.

Typical Properties*

ISO VG	*22*	*32*	*46*	*68*
Appearance, Visual	Yellow, Transparent, Liquid			
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0
Viscosity @ 100°C, cSt, ASTM D445	4.65	6.11	8.13	11.11
Viscosity Index, ASTM D2270	130	140	150	155
Flash Point, °C, ASTM D92	215	225	225	235
Pour Point, °C, ASTM D97	-45	-40	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SAE601
ISO VG 32 – SAE602
ISO VG 46 – SAE603
ISO VG 68 – SAE604

Corporate Office:
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Miami, FL, 33172
(800) 7666804

QL-APEX
AW Hydraulic Oil
ISO VG 22, 32, 46, 68 & 100

Product Description

Formulated with high viscosity-index paraffinic base stocks and premium performance additives, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** exhibit excellent oxidation stability, corrosion protection, shear stability, and pumpability in a wide array of operating conditions and temperatures. The comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency. Acceptable for a wide-range of applications, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** resist oxidation, rust, corrosion, foaming, varnish, and wear.

Typical Properties*

ISO VG	*22*	*32*	*46*	*68*	*100*
Appearance, Visual	Yellow, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0	100.0
Viscosity @ 100°C, cSt, ASTM D445	4.30	5.47	6.92	8.97	11.40
Viscosity Index, ASTM D2270	100	105	105	105	100
Flash Point, °C, ASTM D92	195	200	205	210	215
Pour Point, °C, ASTM D97	-20	-18	-15	-12	-10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:
ISO VG 22- SXA605
ISO VG 32 – SXA606
ISO VG 46 – SXA607
ISO VG 68 – SXA608
ISO VG 100 – SXA609

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Clearbright AW Hydraulic Oil

ISO VG 32, 46 & 68

Product Description

QL-APEX Clearbright Hydraulic Fluids are high-performance, inherently biodegradable hydraulic oils that are formulated with severely hydrotreated (highly refined) mineral oils and a premium ashless (zinc-free) anti-wear additive package. Suitable for use in environmentally sensitive areas, **QL-APEX Clearbright Hydraulic Oils** are designated as inherently biodegradable as defined by OECD Test Method 301B and exhibit lower levels of toxicity when compared to conventional Anti-Wear hydraulic oils. The sophisticated ashless (zinc-free) additive package provides excellent oxidation stability as well as protection against rust, foaming, and corrosion. **QL-APEX Clearbright Hydraulic Oils** are available in ISO 32, ISO 46 and ISO 68 viscosity grades and can be utilized in a variety of applications.

Typical Properties*

ISO VG	*ISO 32*	*ISO 46*	*ISO 68*
Appearance	Clear to Slightly Yellow Liquid, Free & Clear		
Viscosity cSt @ 40°C	31.4	44.8	67.1
Viscosity cSt @ 100°C	5	7	9
Pour Point, °F	-28.00	0.27	-29.00
Flash Point, °F	412	405	408
Viscosity Index	105	109	113
OECD 301B	Inherently Biodegradable		

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Meets or Exceeds the Following Specification Requirements:

-Dennison HF-0, HF-1, HF-2
-Eaton Vickers M-2950-S, I-286-S
-DIN 515524 Part 2
-US Steel 127
-Cincinnati Machine P-68, P-69, P-70
-General Motors LS-2, LH-03, LH-04, LH-06
-JCMAS HK

Product Codes:

ISO VG 32 – SXA610
ISO VG 46 – SXA611
ISO VG 68 – SXA612

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

Elite Multiplex
HVI AW Synthetic Hydraulic Oil
ISO VG 22, 32, 46 & 68

Product Description

QL-APEX Elite Multiplex HVI AW Hydraulic Oils are full synthetic, multi-grade, premium, multi-purpose hydraulic oils designed for use in severe applications as well as applications which may experience wide temperature variance. Formulated with synthetic base stocks and highly shear-stable viscosity modifiers, these multi-grade oils provide consistent viscometrics across wide temperature ranges ensuring even power transmission of the hydraulic system across wide operating temperatures. The carefully selected synthetic base stocks provide superior oxidation protection thus extending oil life. Further, these oils are fortified with an additive package that includes anti-wear, anti-oxidant, and anti-corrosion agents as well as demulsifier and defoamer. Available in the ISO 22, 32, 46, and 68 viscosity grades, **QL-APEX Elite Multiplex Synthetic AW Hydraulic Oils** are top tier synthetic hydraulic fluids recommended for the most demanding applications.

Typical Properties*

ISO VG	***22***	***32***	***46***	***68***
Appearance, Visual	Yellow, Transparent, Liquid			
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0
Viscosity @ 100°C, cSt, ASTM D445	4.65	6.11	8.13	11.11
Viscosity Index, ASTM D2270	130	140	150	155
Flash Point, °C, ASTM D92	215	225	225	235
Pour Point, °C, ASTM D97	-45	-40	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SAE601
ISO VG 32 – SAE602
ISO VG 46 – SAE603
ISO VG 68 – SAE604

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX
AW Hydraulic Oil
ISO VG 22, 32, 46, 68 & 100

Product Description

Formulated with high viscosity-index paraffinic base stocks and premium performance additives, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** exhibit excellent oxidation stability, corrosion protection, shear stability, and pumpability in a wide array of operating conditions and temperatures. The comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency. Acceptable for a wide-range of applications, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** resist oxidation, rust, corrosion, foaming, varnish, and wear.

Typical Properties*

ISO VG	22	32	46	68	100
Appearance, Visual	Yellow, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0	100.0
Viscosity @ 100°C, cSt, ASTM D445	4.30	5.47	6.92	8.97	11.40
Viscosity Index, ASTM D2270	100	105	105	105	100
Flash Point, °C, ASTM D92	195	200	205	210	215
Pour Point, °C, ASTM D97	-20	-18	-15	-12	-10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:
ISO VG 22- SXA605
ISO VG 32 – SXA606
ISO VG 46 – SXA607
ISO VG 68 – SXA608
ISO VG 100 – SXA609

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Clearbright
AW Hydraulic Oil
ISO VG 32, 46 & 68

Product Description

QL-APEX Clearbright Hydraulic Fluids are high-performance, inherently biodegradable hydraulic oils that are formulated with severely hydrotreated (highly refined) mineral oils and a premium ashless (zinc-free) anti-wear additive package. Suitable for use in environmentally sensitive areas, **QL-APEX Clearbright Hydraulic Oils** are designated as inherently biodegradable as defined by OECD Test Method 301B and exhibit lower levels of toxicity when compared to conventional Anti-Wear hydraulic oils. The sophisticated ashless (zinc-free) additive package provides excellent oxidation stability as well as protection against rust, foaming, and corrosion. **QL-APEX Clearbright Hydraulic Oils** are available in ISO 32, ISO 46 and ISO 68 viscosity grades and can be utilized in a variety of applications.

Typical Properties*

ISO VG	*ISO 32*	*ISO 46*	*ISO 68*
Appearance	Clear to Slightly Yellow Liquid, Free & Clear		
Viscosity cSt @ 40°C	31.4	44.8	67.1
Viscosity cSt @ 100°C	5	7	9
Pour Point, °F	-28.00	0.27	-29.00
Flash Point, °F	412	405	408
Viscosity Index	105	109	113
OECD 301B	Inherently Biodegradable		

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Meets or Exceeds the Following Specification Requirements:

-Dennison HF-0, HF-1, HF-2
-Eaton Vickers M-2950-S, I-286-S
-DIN 515524 Part 2
-US Steel 127
-Cincinnati Machine P-68, P-69, P-70
-General Motors LS-2, LH-03, LH-04, LH-06
-JCMAS HK

Product Codes:

ISO VG 32 – SXA610
ISO VG 46 – SXA611
ISO VG 68 – SXA612

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Elite Multiplex
HVI AW Synthetic Hydraulic Oil
ISO VG 22, 32, 46 & 68

Product Description

QL-APEX Elite Multiplex HVI AW Hydraulic Oils are full synthetic, multi-grade, premium, multi-purpose hydraulic oils designed for use in severe applications as well as applications which may experience wide temperature variance. Formulated with synthetic base stocks and highly shear-stable viscosity modifiers, these multi-grade oils provide consistent viscometrics across wide temperature ranges ensuring even power transmission of the hydraulic system across wide operating temperatures. The carefully selected synthetic base stocks provide superior oxidation protection thus extending oil life. Further, these oils are fortified with an additive package that includes anti-wear, anti-oxidant, and anti-corrosion agents as well as demulsifier and defoamer. Available in the ISO 22, 32, 46, and 68 viscosity grades, **QL-APEX Elite Multiplex Synthetic AW Hydraulic Oils** are top tier synthetic hydraulic fluids recommended for the most demanding applications.

Typical Properties*

ISO VG	22	32	46	68
Appearance, Visual	Yellow, Transparent, Liquid			
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0
Viscosity @ 100°C, cSt, ASTM D445	4.65	6.11	8.13	11.11
Viscosity Index, ASTM D2270	130	140	150	155
Flash Point, °C, ASTM D92	215	225	225	235
Pour Point, °C, ASTM D97	-45	-40	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SAE601
ISO VG 32 – SAE602
ISO VG 46 – SAE603
ISO VG 68 – SAE604

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX
AW Hydraulic Oil
ISO VG 22, 32, 46, 68 & 100

Product Description

Formulated with high viscosity-index paraffinic base stocks and premium performance additives, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** exhibit excellent oxidation stability, corrosion protection, shear stability, and pumpability in a wide array of operating conditions and temperatures. The comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency. Acceptable for a wide-range of applications, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** resist oxidation, rust, corrosion, foaming, varnish, and wear.

Typical Properties*

ISO VG	22	32	46	68	100
Appearance, Visual	Yellow, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0	100.0
Viscosity @ 100°C, cSt, ASTM D445	4.30	5.47	6.92	8.97	11.40
Viscosity Index, ASTM D2270	100	105	105	105	100
Flash Point, °C, ASTM D92	195	200	205	210	215
Pour Point, °C, ASTM D97	-20	-18	-15	-12	-10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SXA605
ISO VG 32 – SXA606
ISO VG 46 – SXA607
ISO VG 68 – SXA608
ISO VG 100 – SXA609

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Clearbright AW Hydraulic Oil

ISO VG 32, 46 & 68

Product Description

QL-APEX Clearbright Hydraulic Fluids are high-performance, inherently biodegradable hydraulic oils that are formulated with severely hydrotreated (highly refined) mineral oils and a premium ashless (zinc-free) anti-wear additive package. Suitable for use in environmentally sensitive areas, **QL-APEX Clearbright Hydraulic Oils** are designated as inherently biodegradable as defined by OECD Test Method 301B and exhibit lower levels of toxicity when compared to conventional Anti-Wear hydraulic oils. The sophisticated ashless (zinc-free) additive package provides excellent oxidation stability as well as protection against rust, foaming, and corrosion. **QL-APEX Clearbright Hydraulic Oils** are available in ISO 32, ISO 46 and ISO 68 viscosity grades and can be utilized in a variety of applications.

Typical Properties*

ISO VG	*ISO 32*	*ISO 46*	*ISO 68*
Appearance	Clear to Slightly Yellow Liquid, Free & Clear		
Viscosity cSt @ 40°C	31.4	44.8	67.1
Viscosity cSt @ 100°C	5	7	9
Pour Point, °F	-28.00	0.27	-29.00
Flash Point, °F	412	405	408
Viscosity Index	105	109	113
OECD 301B	Inherently Biodegradable		

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Meets or Exceeds the Following Specification Requirements:

-Dennison HF-0, HF-1, HF-2
-Eaton Vickers M-2950-S, I-286-S
-DIN 515524 Part 2
-US Steel 127
-Cincinnati Machine P-68, P-69, P-70
-General Motors LS-2, LH-03, LH-04, LH-06
-JCMAS HK

Product Codes:

ISO VG 32 – SXA610
ISO VG 46 – SXA611
ISO VG 68 – SXA612

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX Elite Multiplex
HVI AW Synthetic Hydraulic Oil
ISO VG 22, 32, 46 & 68

Product Description

QL-APEX Elite Multiplex HVI AW Hydraulic Oils are full synthetic, multi-grade, premium, multi-purpose hydraulic oils designed for use in severe applications as well as applications which may experience wide temperature variance. Formulated with synthetic base stocks and highly shear-stable viscosity modifiers, these multi-grade oils provide consistent viscometrics across wide temperature ranges ensuring even power transmission of the hydraulic system across wide operating temperatures. The carefully selected synthetic base stocks provide superior oxidation protection thus extending oil life. Further, these oils are fortified with an additive package that includes anti-wear, anti-oxidant, and anti-corrosion agents as well as demulsifier and defoamer. Available in the ISO 22, 32, 46, and 68 viscosity grades, **QL-APEX Elite Multiplex Synthetic AW Hydraulic Oils** are top tier synthetic hydraulic fluids recommended for the most demanding applications.

Typical Properties*

ISO VG	22	32	46	68
Appearance, Visual	Yellow, Transparent, Liquid			
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0
Viscosity @ 100°C, cSt, ASTM D445	4.65	6.11	8.13	11.11
Viscosity Index, ASTM D2270	130	140	150	155
Flash Point, °C, ASTM D92	215	225	225	235
Pour Point, °C, ASTM D97	-45	-40	-40	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:

ISO VG 22- SAE601
ISO VG 32 – SAE602
ISO VG 46 – SAE603
ISO VG 68 – SAE604

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-APEX
AW Hydraulic Oil
ISO VG 22, 32, 46, 68 & 100

Product Description

Formulated with high viscosity - index paraffinic base stocks and premium performance additives, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** exhibit excellent oxidation stability, corrosion protection, shear stability, and pumpability in a wide array of operating conditions and temperatures. The comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency. Acceptable for a wide-range of applications, **QL-APEX AW Hydraulic Oils ISO VG 22, 32, 46, 68, 100** resist oxidation, rust, corrosion, foaming, varnish, and wear.

Typical Properties*

ISO VG	*22*	*32*	*46*	*68*	*100*
Appearance, Visual	Yellow, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	22.0	32.0	46.0	68.0	100.0
Viscosity @ 100°C, cSt, ASTM D445	4.30	5.47	6.92	8.97	11.40
Viscosity Index, ASTM D2270	100	105	105	105	100
Flash Point, °C, ASTM D92	195	200	205	210	215
Pour Point, °C, ASTM D97	-20	-18	-15	-12	-10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:
Parker Denison HF-0, HF-1, HF-2
MAG IAS P-69 (ISO 68)
MAG IAS P-68 (ISO 32)
MAG IAS P-70 (ISO 46)
GM LS-2
JCMAS HK
U.S. Steel 127
U.S. Steel 136
Bosch Rexroth RD90220
SAE MS1004

Product Codes:
ISO VG 22- SXA605
ISO VG 32 – SXA606
ISO VG 46 – SXA607
ISO VG 68 – SXA608
ISO VG 100 – SXA609

Corporate Office:
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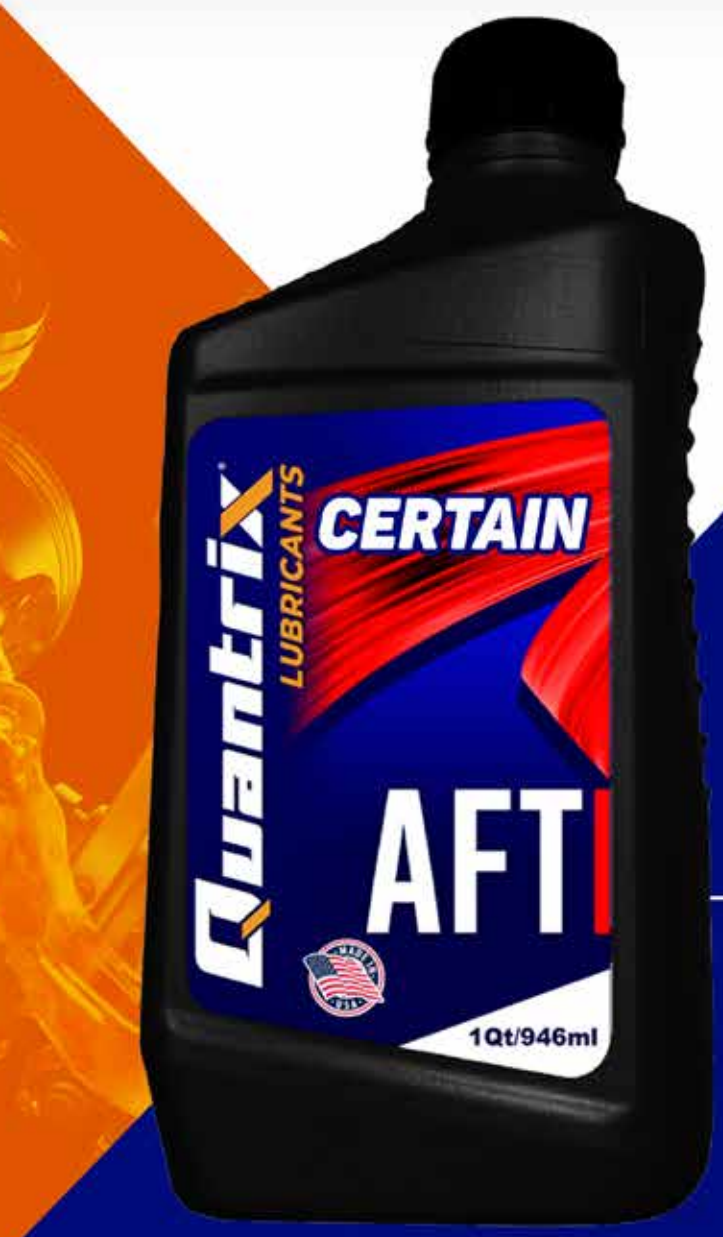

CERTAIN

www.quantrixproducts.com

Quantrix® LUBRICANTS

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QuantrixProducts.com

QL-CERTAIN
GEO 717
SAE 30, SAE 40, SAE 15W-40

Product Description

Available in SAE 30, SAE 40 or SAE 15W-40 viscosities **QL-CERTAIN GEO 717** is a family of Low-Ash Natural Gas Engine Oils. Designed for use in use in high-output, 4-stroke cycle natural gas engines operating under heavy loads in a variety of temperatures, **QL-CERTAIN GEO 717** is optimal for applications including crude oil and gas transmission pipelines, electrical power generators, gas compressors, irrigation water pumps and well drilling rigs. Utilizing Group **II** Base Oil Technology as well as premium performance additives, this oil is fortified to provide ample protection against wear, oxidation, corrosion, varnish, and sludge, while maintaining excellent engine cleanliness. The low-ash, low-phosphorous additive technology is optimized to exceed the requirements of gas engines utilizing catalysts for exhaust treatment. **QL-CERTAIN GEO 717** exceeds the performance requirements of API CD/CC.

Typical Properties*

SAE VISCOSITY GRADE	*SAE 30*	*SAE 40*	*SAE 15W-40*
Appearance, Visual	Amber, Viscous, Liquid		
API Performance	CD/CC	CD/CC	CD/CC
Viscosity cSt @ 40°C	91	132	124
Viscosity cSt @ 100°C	11.2	14.5	14.5
Pour Point, °F	-25	-15	-33
Flash Point, °F	405	412	410
Viscosity Index	110	109	118
Sulfated Ash	0.44	0.44	0.44
TBN	4.25	4.25	4.25

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Reccomendations:

QL-**Certus GEO 717** is recommended for use in natural gas engines manufactured by the following:

- Caterpillar
- Climax
- Colt-Fairbanks Morse
- Dresser Rand (Category **I**, **II**, **III**)
- Minneapolis Moline
- Nordberg
- Ruston
- Superior
- Wartsila
- Waukesha
- Worthington

Product Codes:

SAE 30 – SXC250
SAE 40 – SXC251
SAE 15W-40 – SXC252

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-CERTAIN
GEO 717
SAE 30, SAE 40, SAE 15W-40

Product Description

Available in SAE 30, SAE 40 or SAE 15W-40 viscosities **QL-CERTAIN GEO 717** is a family of Low-Ash Natural Gas Engine Oils. Designed for use in use in high-output, 4-stroke cycle natural gas engines operating under heavy loads in a variety of temperatures, **QL-CERTAIN GEO 717** is optimal for applications including crude oil and gas transmission pipelines, electrical power generators, gas compressors, irrigation water pumps and well drilling rigs. Utilizing Group II Base Oil Technology as well as premium performance additives, this oil is fortified to provide ample protection against wear, oxidation, corrosion, varnish, and sludge, while maintaining excellent engine cleanliness. The low-ash, low-phosphorous additive technology is optimized to exceed the requirements of gas engines utilizing catalysts for exhaust treatment. **QL-CERTAIN GEO 717** exceeds the performance requirements of API CD/CC.

Typical Properties*

SAE VISCOSITY GRADE	SAE 30	SAE 40	SAE 15W-40
Appearance, Visual		Amber, Viscous, Liquid	
API Performance	CD/CC	CD/CC	CD/CC
Viscosity cSt @ 40°C	91	132	124
Viscosity cSt @ 100°C	11.2	14.5	14.5
Pour Point, °F	-25	-15	-33
Flash Point, °F	405	412	410
Viscosity Index	110	109	118
Sulfated Ash	0.44	0.44	0.44
TBN	4.25	4.25	4.25

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Reccomendations:

QL-**Certus GEO 717** is recommended for use in natural gas engines manufactured by the following:

- Caterpillar
- Climax
- Colt-Fairbanks Morse
- Dresser Rand (Category I, II, III)
- Minneapolis Moline
- Nordberg
- Ruston
- Superior
- Wartsila
- Waukesha
- Worthington

Product Codes:

SAE 30 – SXC250
SAE 40 – SXC251
SAE 15W-40 – SXC252

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-CERTAIN
GEO 717
SAE 30, SAE 40, SAE 15W-40

Product Description

Available in SAE 30, SAE 40 or SAE 15W-40 viscosities **QL-CERTAIN GEO 717** is a family of Low-Ash Natural Gas Engine Oils. Designed for use in use in high-output, 4-stroke cycle natural gas engines operating under heavy loads in a variety of temperatures, **QL-CERTAIN GEO 717** is optimal for applications including crude oil and gas transmission pipelines, electrical power generators, gas compressors, irrigation water pumps and well drilling rigs. Utilizing Group II Base Oil Technology as well as premium performance additives, this oil is fortified to provide ample protection against wear, oxidation, corrosion, varnish, and sludge, while maintaining excellent engine cleanliness. The low-ash, low-phosphorous additive technology is optimized to exceed the requirements of gas engines utilizing catalysts for exhaust treatment. **QL-CERTAIN GEO 717** exceeds the performance requirements of API CD/CC.

Typical Properties*

SAE VISCOSITY GRADE	*SAE 30*	*SAE 40*	*SAE 15W-40*
Appearance, Visual		Amber, Viscous, Liquid	
API Performance	CD/CC	CD/CC	CD/CC
Viscosity cSt @ 40°C	91	132	124
Viscosity cSt @ 100°C	11.2	14.5	14.5
Pour Point, °F	-25	-15	-33
Flash Point, °F	405	412	410
Viscosity Index	110	109	118
Sulfated Ash	0.44	0.44	0.44
TBN	4.25	4.25	4.25

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Reccomendations:

QL-**Certus GEO 717** is recommended for use in natural gas engines manufactured by the following:

- Caterpillar
- Climax
- Colt-Fairbanks Morse
- Dresser Rand (Category I, II, III)
- Minneapolis Moline
- Nordberg
- Ruston
- Superior
- Wartsila
- Waukesha
- Worthington

Product Codes:

SAE 30 – SXC250
SAE 40 – SXC251
SAE 15W-40 – SXC252

Corporate Office:
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Miami, FL, 33172
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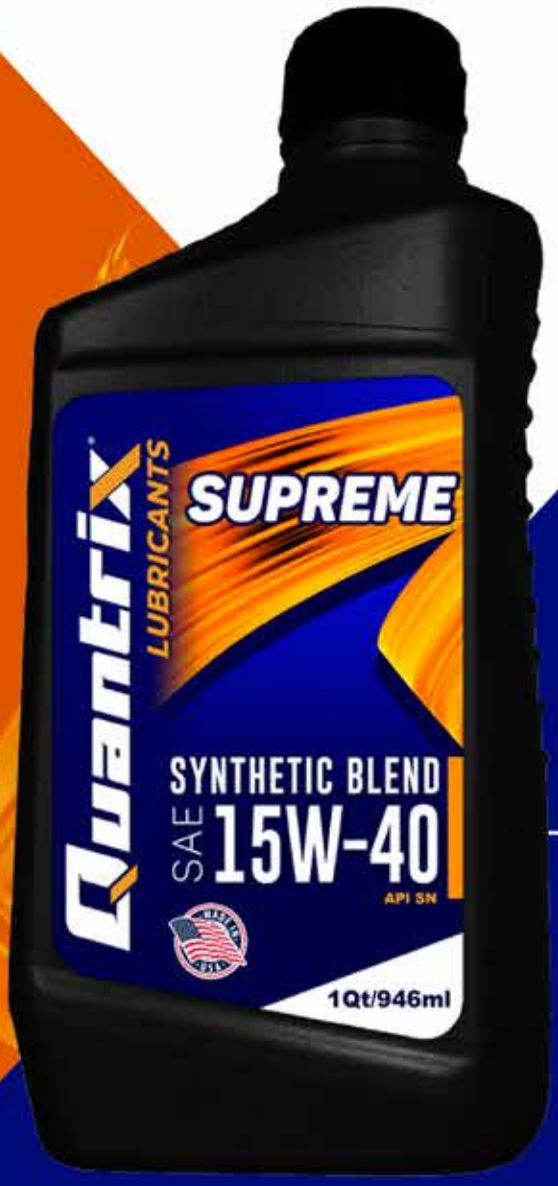


SUPREME

www.quantrixproducts.com

QL- SUPREME Elite
Full Synthetic Motor Oil; SAE 0W-20
API SN, ILSAC GF-5

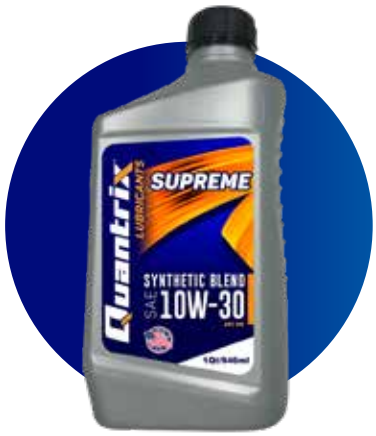
Product Description

QL- SUPREME Elite Full Synthetic Motor Oils, SAE 0W-20, API SN, ILSAC GF-5 is formulated with synthetic base oils and a premium additive package. This oil is designed for use in carbureted, fuel injected, turbocharged gasoline engines. This oil exceeds the performance requirements of API SN and ILSAC GF-5.

Typical Properties*

SAE J300 Viscosity Grade	***0W-20***
Appearance	Amber, Transparent Liquid
Viscosity @ 40°C, cSt, ASTM D445	44.55
Viscosity @ 100°C, cSt, ASTM D445	8.3
Viscosity Index, ASTM D2270	165
CCS Apparent Viscosity, cP, ASTM D5293	5,400@-35°C
MRV Apparent Viscosity, cP, ASTM D4684	22,000@-40°C
Flash Point, °C, ASTM D92	215
Pour Point, °C, ASTM D97	-48

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN with Resource Conserving, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
Ford WSS-M2C947-A

Product Code: STE100

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME Elite
SAE 5W-20, 5W-30 & 10W-30
Full Synthetic Motor Oil; API SN, ILSAC GF-5

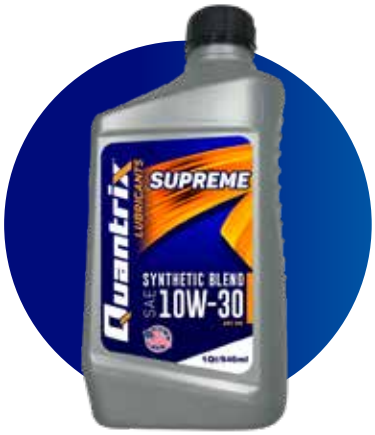
Product Description

QL- SUPREME Elite Full Synthetic Motor Oils, 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5.

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual		Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	47.75	61.25	68.75
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	150	170	150
CCS Apparent Viscosity, cP, ASTM D5293	4,800@-30°C	5,200@-30°C	4,900@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	15,000@-35°C	18,000@-35°C	9,000@-30°C
Flash Point, °C, ASTM D92	215	215	218
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN with Resource Conserving, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code
SAE 5W-20 – STE101
SAE 5W-30 – STE102
SAE 10W-30 – STE103

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME

SAE 5W-20, 5W-30 & 10W-30
Synthetic Blend Motor Oil; API SN, ILSAC GF-5

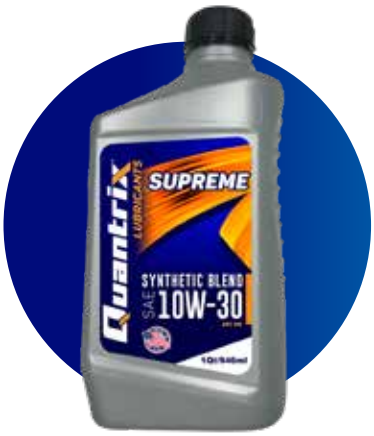
Product Description

QL- SUPREME Synthetic Blend Motor Oils, SAE 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with a blend of conventional and synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual		Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	48.95	62.8	70.7
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	145	165	145
CCS Apparent Viscosity, cP, ASTM D5293	5,000@-30°C	5,400@-30°C	5,000@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	21,000@-35°C	9,800@-30°C
Flash Point, °C, ASTM D92	210	210	215
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements

API SN, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
GM6094M
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code

SAE 5W-20 – SXT104
SAE 5W-30 – SXT105
SAE 10W-30 – SXT106

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME

SAE 5W-20, 5W-30 & 10W-30
Synthetic Blend Motor Oil; API SN, ILSAC GF-5

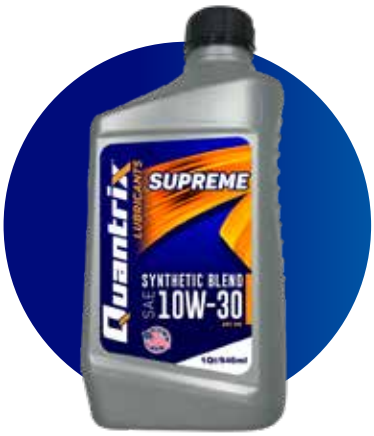
Product Description

QL- SUPREME Synthetic Blend Motor Oils, SAE 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with a blend of conventional and synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	48.95	62.8	70.7
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	145	165	145
CCS Apparent Viscosity, cP, ASTM D5293	5,000@-30°C	5,400@-30°C	5,000@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	21,000@-35°C	9,800@-30°C
Flash Point, °C, ASTM D92	210	210	215
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements

API SN, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
GM6094M
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code

SAE 5W-20 – SXT104
SAE 5W-30 – SXT105
SAE 10W-30 – SXT106

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME Elite
SAE 5W-20, 5W-30 & 10W-30
Full Synthetic Motor Oil; API SN, ILSAC GF-5

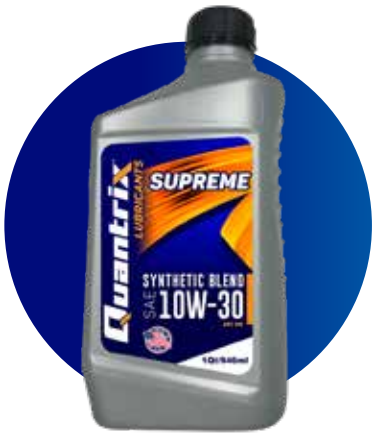
Product Description

QL- SUPREME Elite Full Synthetic Motor Oils, 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5.

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	47.75	61.25	68.75
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	150	170	150
CCS Apparent Viscosity, cP, ASTM D5293	4,800@-30°C	5,200@-30°C	4,900@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	15,000@-35°C	18,000@-35°C	9,000@-30°C
Flash Point, °C, ASTM D92	215	215	218
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN with Resource Conserving, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code
SAE 5W-20 – STE101
SAE 5W-30 – STE102
SAE 10W-30 – STE103

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME

SAE 5W-20, 5W-30 & 10W-30
Synthetic Blend Motor Oil; API SN, ILSAC GF-5

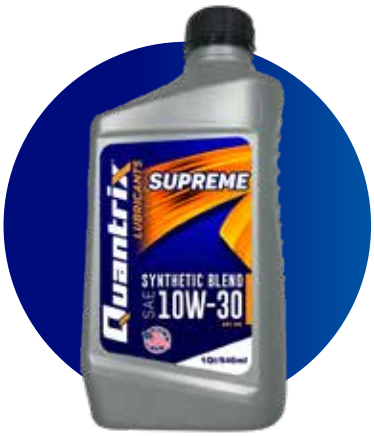
Product Description

QL- SUPREME Synthetic Blend Motor Oils, SAE 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with a blend of conventional and synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	48.95	62.8	70.7
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	145	165	145
CCS Apparent Viscosity, cP, ASTM D5293	5,000@-30°C	5,400@-30°C	5,000@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	21,000@-35°C	9,800@-30°C
Flash Point, °C, ASTM D92	210	210	215
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements

API SN, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
GM6094M
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code

SAE 5W-20 – SXT104
SAE 5W-30 – SXT105
SAE 10W-30 – SXT106

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME Elite
SAE 5W-20, 5W-30 & 10W-30
Full Synthetic Motor Oil; API SN, ILSAC GF-5

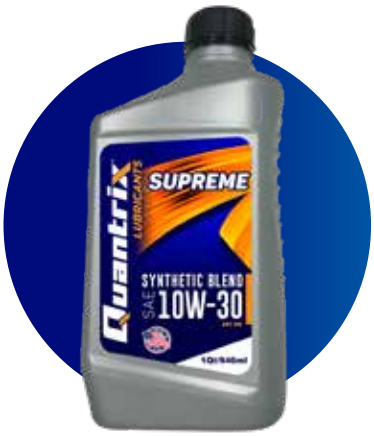
Product Description

QL- SUPREME Elite Full Synthetic Motor Oils, 5W-20, 5W-30, and 10W-30, API SN, ILSAC GF-5 are formulated with synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged gasoline engines. These oils exceed the performance requirements of API SN and ILSAC GF-5.

Typical Properties*

SAE J300 Viscosity Grade	***5W-20***	***5W-30***	***10W-30***
Appearance, Visual		Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	47.75	61.25	68.75
Viscosity @ 100°C, cSt, ASTM D445	8.3	10.8	10.9
Viscosity Index, ASTM D2270	150	170	150
CCS Apparent Viscosity, cP, ASTM D5293	4,800@-30°C	5,200@-30°C	4,900@-25°C
MRV Apparent Viscosity, cP, ASTM D4684	15,000@-35°C	18,000@-35°C	9,000@-30°C
Flash Point, °C, ASTM D92	215	215	218
Pour Point, °C, ASTM D97	-44	-42	-40

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN with Resource Conserving, API SM, API SL, API SJ
ILSAC GF-5
Chrysler MS6395
Ford WSS-M2C946-A (5W-30); Ford WSS-M2C945-A (5W-20)

Product Code
SAE 5W-20 – STE101
SAE 5W-30 – STE102
SAE 10W-30 – STE103

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL- SUPREME

SAE 10W-40, 20W-50
Synthetic Blend Motor Oil; API SN

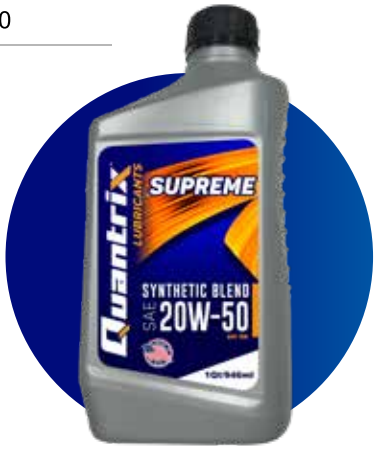
Product Description

QL- SUPREME Synthetic Blend Motor Oils, SAE 10W-40 and 20W-50 API SN Plus are formulated with a blend of conventional and synthetic base oils and a premium additive package. These oils are designed for use in carbureted, fuel injected, turbocharged and supercharged gasoline engines in both normal and extreme operating conditions. These oils exceed the performance requirements of API SN.

Typical Properties*

SAE J300 Viscosity Grade	***10W-40***	***20W-50***
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	100.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	150	130
CCS Apparent Viscosity, cP, ASTM D5293	5,600@-25°C	5,900@-15°C
MRV Apparent Viscosity, cP, ASTM D4684	21,000@-30°C	15,600@-20°C
Flash Point, °C, ASTM D92	215	220
Pour Point, °C, ASTM D97	-40	-30

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements

API SN, API SM, API SL, API SJ

Product Code

SAE 10W-40 – SXT107
SAE 20W-50 – SXT108

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME HD Motor Oil
SAE 30, SAE 40 & SAE 50
API SN/CF

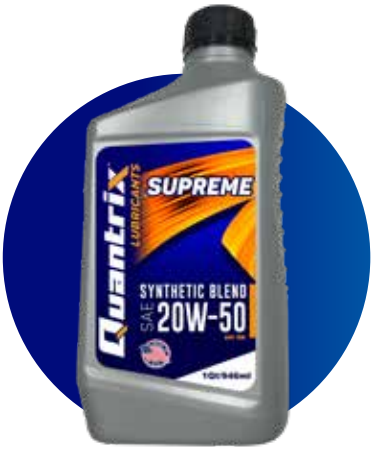
Product Description

QL- SUPREME SAE 30, SAE 40, SAE 50 HD Motor Oils API SN/CF is a gasoline and light-duty diesel engine oil blended with group II paraffinic base stocks and a premium additive package. These oils exhibit good anti-wear, anti-oxidant, anti-foaming, detergent, and dispersant characteristics. This oil exceeds the performance requirements of API SN/CF

Typical Properties*

SAE J300 Viscosity Grade	***SAE 30***	***SAE 40***	***SAE 50***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	86.35	130.50	181.05
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.0	17.5
Viscosity Index, ASTM D2270	105	105	105
Flash Point, °C, ASTM D92	215	220	225
Pour Point, °C, ASTM D97	-15	-15	-5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN/CF

Product Code
SAE 30 – SXT109
SAE 40 – SXT110
SAE 50 – SXT111

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME HD Motor Oil
SAE 30, SAE 40 & SAE 50
API SN/CF

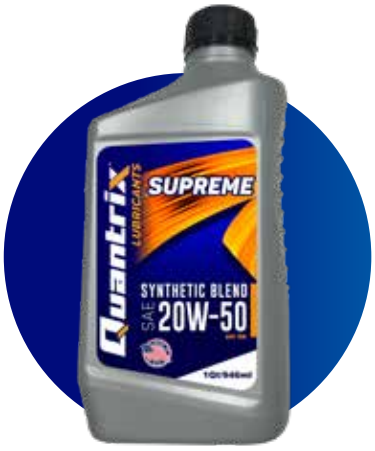
Product Description

QL- SUPREME SAE 30, SAE 40, SAE 50 HD Motor Oils API SN/CF is a gasoline and light-duty diesel engine oil blended with group II paraffinic base stocks and a premium additive package. These oils exhibit good anti-wear, anti-oxidant, anti-foaming, detergent, and dispersant characteristics. This oil exceeds the performance requirements of API SN/CF

Typical Properties*

SAE J300 Viscosity Grade	***SAE 30***	***SAE 40***	***SAE 50***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	86.35	130.50	181.05
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.0	17.5
Viscosity Index, ASTM D2270	105	105	105
Flash Point, °C, ASTM D92	215	220	225
Pour Point, °C, ASTM D97	-15	-15	-5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN/CF

Product Code
SAE 30 – SXT109
SAE 40 – SXT110
SAE 50 – SXT111

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME HD Motor Oil

SAE 30, SAE 40 & SAE 50
API SN/CF

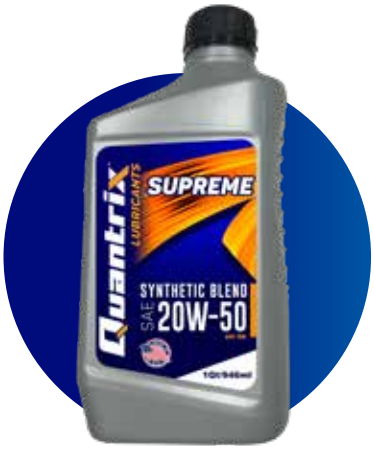
Product Description

QL- SUPREME SAE 30, SAE 40, SAE 50 HD Motor Oils API SN/CF is a gasoline and light-duty diesel engine oil blended with group II paraffinic base stocks and a premium additive package. These oils exhibit good anti-wear, anti-oxidant, anti-foaming, detergent, and dispersant characteristics. This oil exceeds the performance requirements of API SN/CF

Typical Properties*

SAE J300 Viscosity Grade	*SAE 30*	*SAE 40*	*SAE 50*
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	86.35	130.50	181.05
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.0	17.5
Viscosity Index, ASTM D2270	105	105	105
Flash Point, °C, ASTM D92	215	220	225
Pour Point, °C, ASTM D97	-15	-15	-5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*



Exceeds Performance Requirements
API SN/CF

Product Code
SAE 30 – SXT109
SAE 40 – SXT110
SAE 50 – SXT111

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL- SUPREME HD Motor Oil
SAE 30, SAE 40 & SAE 50
API SN/CF

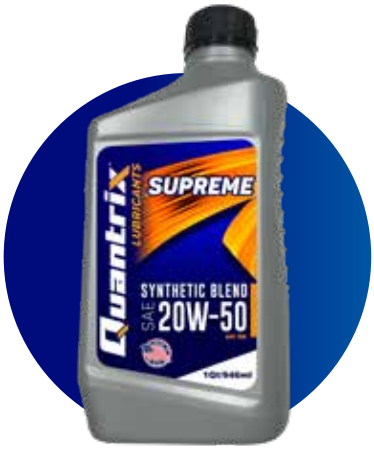
Product Description

QL- SUPREME SAE 30, SAE 40, SAE 50 HD Motor Oils API SN/CF is a gasoline and light-duty diesel engine oil blended with group II paraffinic base stocks and a premium additive package. These oils exhibit good anti-wear, anti-oxidant, anti-foaming, detergent, and dispersant characteristics. This oil exceeds the performance requirements of API SN/CF

Typical Properties*

SAE J300 Viscosity Grade	***SAE 30***	***SAE 40***	***SAE 50***
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	86.35	130.50	181.05
Viscosity @ 100°C, cSt, ASTM D445	10.5	14.0	17.5
Viscosity Index, ASTM D2270	105	105	105
Flash Point, °C, ASTM D92	215	220	225
Pour Point, °C, ASTM D97	-15	-15	-5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

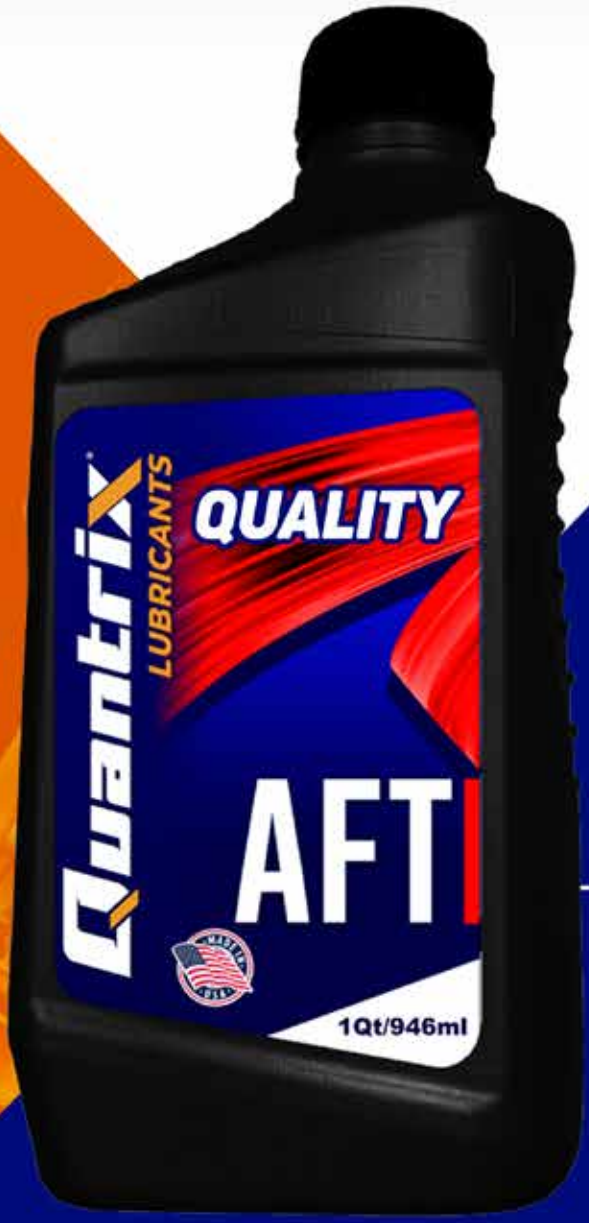


Exceeds Performance Requirements
API SN/CF

Product Code
SAE 30 – SXT109
SAE 40 – SXT110
SAE 50 – SXT111

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix®
LUBRICANTS



QUALITY

www.quantrixproducts.com

Quantrix® LUBRICANTS

QL-QUALITY HTF-42
Heat Transfer Fluid

Product Description

QL-QUALITY HTF-42 HEAT TRANSFER FLUID is a high-performance heat transfer fluid formulated with severely hydrotreated, highly-refined, mineral oil base stocks. These carefully selected mineral oil base stocks create a blended product that resists oil cracking, oxidation and thickening, thus extending oil life, efficiency and circulation. Furthermore, the formulation is fortified through the use of a powerful anti-oxidant additive which severely limits corrosion as well as an additive designed to limit air entrainment.

Typical Properties*

Parameter	*Result*
Appearance, Visual	Clear to Light Yellow, Liquid
Density 15 °C	0.87
ISO Viscosity Grade	46
Viscosity @ 40°C, cSt, ASTM D445	42.1
Viscosity @ 100°C, cSt, ASTM D445	6.49
Viscosity Index, ASTM D2270	105
Pour Point, °C, ASTM D97	-20
Flash Point, °C, ASTM D92	220
Fire Point, °C	255
Autoignition Temperature, °C	360

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use: DIN 51522

Product Codes: SXP668

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-QUALITY
Turbine Oil
ISO 32, ISO 46, ISO 68

Product Description

Formulated with severely hydrotreated paraffinic base oils plus a premium performance additive package, **QL-QUALITY Premium Turbine Oils, ISO 32, ISO 46, and ISO 68** provide the highest level of protection against rust and oxidation while also exhibiting excellent demulsibility and high resistance to emulsification. **QL-QUALITY Premium Turbine Oils** can reduce downtime and extend drain intervals as the oil's high level of thermal stability prevent sludging and varnishing. Furthermore, the product's excellent ability to shed water as well as the product's resistance to foaming and air entrainment, provide the highest degree of lubrication essential to the demanding requirements of gas and steam turbines. While primarily designed for use as a circulating oil in gas and steam turbines, this multi-purpose product is suitable for use in all facets of the gas circulation system including pumps, valves, and other ancillary equipment as well as turbines with oil supplied by spash, bath, ring oiling, and also moderate severity hydraulic pumps.

Typical Properties*

ISO VG	*Method*	*ISO 32*	*ISO 46*	*ISO 68*
Desnity @ 15 °C, g/cm3,	ASTM D 4052	0.87	0.88	0.88
Viscosity @ 40 °C, cSt	ASTM D-445	31.9	46.5	68.2
Viscosity @ 100 °C, cSt	ASTM D-445	5.34	6.9	8.95
Viscosity Index	ASTM D-2270	99.0	103.0	105.0
Pour Point, °C	ASTM D-97	-16.00	-14.00	-14.00
Flash Point, °C	ASTM D-92	220	225	240
Neutralization #, mgKOH/g	ASTM D-974	<0.2	<0.2	<0.2
Water Separation, Mins	ASTM D-1401	15	15	15
TOST, Hours to 2NN	ASTM D-943	5000	5000	5000
Rust Prevention, Distilled Water	ASTM D-665	Pass	Pass	Pass
Rust Prevention, Sea Water	ASTM D-665	Pass	Pass	Pass
FZG, Pass Stage,	DIN 51354	10	10	10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

-DIN 51515 -ASTM D4304 Type I -British Standard 489 - Siemens TLV 901304 (ISO 32 & ISO 46)
-Alstom -Siemens -General Electric -ABB -Ingersol Rand
-Rolls Royce -Atlas Copco -MAN -Wier -Voith

Product Codes: **ISO 32:** SXP669 **ISO 46:** SXP670 **ISO 68:** SXP671

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix LUBRICANTS

QL-QUALITY
Turbine Oil
ISO 32, ISO 46, ISO 68

Product Description

Formulated with severely hydrotreated paraffinic base oils plus a premium performance additive package, **QL-QUALITY Premium Turbine Oils, ISO 32, ISO 46, and ISO 68** provide the highest level of protection against rust and oxidation while also exhibiting excellent demulsibility and high resistance to emulsification. **QL-QUALITY Premium Turbine Oils** can reduce downtime and extend drain intervals as the oil's high level of thermal stability prevent sludging and varnishing. Furthermore, the product's excellent ability to shed water as well as the product's resistance to foaming and air entrainment, provide the highest degree of lubrication essential to the demanding requirements of gas and steam turbines. While primarily designed for use as a circulating oil in gas and steam turbines, this multi-purpose product is suitable for use in all facets of the gas circulation system including pumps, valves, and other ancillary equipment as well as turbines with oil supplied by spash, bath, ring oiling, and also moderate severity hydraulic pumps.

Typical Properties*

ISO VG	*Method*	*ISO 32*	*ISO 46*	*ISO 68*
Desnity @ 15 °C, g/cm3,	ASTM D 4052	0.87	0.88	0.88
Viscosity @ 40 °C, cSt	ASTM D-445	31.9	46.5	68.2
Viscosity @ 100 °C, cSt	ASTM D-445	5.34	6.9	8.95
Viscosity Index	ASTM D-2270	99.0	103.0	105.0
Pour Point, °C	ASTM D-97	-16.00	-14.00	-14.00
Flash Point, °C	ASTM D-92	220	225	240
Neutralization #, mgKOH/g	ASTM D-974	<0.2	<0.2	<0.2
Water Separation, Mins	ASTM D-1401	15	15	15
TOST, Hours to 2NN	ASTM D-943	5000	5000	5000
Rust Prevention, Distilled Water	ASTM D-665	Pass	Pass	Pass
Rust Prevention, Sea Water	ASTM D-665	Pass	Pass	Pass
FZG, Pass Stage,	DIN 51354	10	10	10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

-DIN 51515 -ASTM D4304 Type I -British Standard 489 - Siemens TLV 901304 (ISO 32 & ISO 46)
-Alstom -Siemens -General Electric -ABB -Ingersol Rand
-Rolls Royce -Atlas Copco -MAN -Wier -Voith

Product Codes: **ISO 32:** SXP669 **ISO 46:** SXP670 **ISO 68:** SXP671

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-QUALITY
Turbine Oil
ISO 32, ISO 46, ISO 68

Product Description

Formulated with severely hydrotreated paraffinic base oils plus a premium performance additive package, **QL-QUALITY Premium Turbine Oils, ISO 32, ISO 46, and ISO 68** provide the highest level of protection against rust and oxidation while also exhibiting excellent demulsibility and high resistance to emulsification. **QL-QUALITY Premium Turbine Oils** can reduce downtime and extend drain intervals as the oil's high level of thermal stability prevent sludging and varnishing. Furthermore, the product's excellent ability to shed water as well as the product's resistance to foaming and air entrainment, provide the highest degree of lubrication essential to the demanding requirements of gas and steam turbines. While primarily designed for use as a circulating oil in gas and steam turbines, this multi-purpose product is suitable for use in all facets of the gas circulation system including pumps, valves, and other ancillary equipment as well as turbines with oil supplied by spash, bath, ring oiling, and also moderate severity hydraulic pumps.

Typical Properties*

ISO VG	*Method*	*ISO 32*	*ISO 46*	*ISO 68*
Desnity @ 15 °C, g/cm3,	ASTM D 4052	0.87	0.88	0.88
Viscosity @ 40 °C, cSt	ASTM D-445	31.9	46.5	68.2
Viscosity @ 100 °C, cSt	ASTM D-445	5.34	6.9	8.95
Viscosity Index	ASTM D-2270	99.0	103.0	105.0
Pour Point, °C	ASTM D-97	-16.00	-14.00	-14.00
Flash Point, °C	ASTM D-92	220	225	240
Neutralization #, mgKOH/g	ASTM D-974	<0.2	<0.2	<0.2
Water Separation, Mins	ASTM D-1401	15	15	15
TOST, Hours to 2NN	ASTM D-943	5000	5000	5000
Rust Prevention, Distilled Water	ASTM D-665	Pass	Pass	Pass
Rust Prevention, Sea Water	ASTM D-665	Pass	Pass	Pass
FZG, Pass Stage,	DIN 51354	10	10	10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

-DIN 51515	-ASTM D4304 Type I	-British Standard 489	- Siemens TLV 901304 (ISO 32 & ISO 46)	
-Alstom	-Siemens	-General Electric	-ABB	-Ingersol Rand
-Rolls Royce	-Atlas Copco	-MAN	-Wier	-Voith

Product Codes: **ISO 32:** SXP669 **ISO 46:** SXP670 **ISO 68:** SXP671

MADE IN USA

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-QUALITY Elite Synthetic EP Gear Oils

ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	*68*	*100*	*150*	*220*	*320*	*460*
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

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Miami, FL, 33172
(800) 7666804

Quantrix® LUBRICANTS

QL-QUALITY Elite Synthetic EP Gear Oils

ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	*68*	*100*	*150*	*220*	*320*	*460*
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

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Quantrix® LUBRICANTS

QL-QUALITY Elite Synthetic EP Gear Oils

ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	*68*	*100*	*150*	*220*	*320*	*460*
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

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Quantrix® LUBRICANTS

QL-QUALITY Elite
Synthetic EP Gear Oils
ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	*68*	*100*	*150*	*220*	*320*	*460*
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

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Quantrix® LUBRICANTS

QL-QUALITY Elite
Synthetic EP Gear Oils
ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	*68*	*100*	*150*	*220*	*320*	*460*
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

MADE IN USA

Corporate Office:
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Miami, FL, 33172
(800) 7666804

QL-QUALITY Elite
Synthetic EP Gear Oils
ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY Elite Synthetic EP Gear Oils are premium full synthetic multi-functional gear lubricants formulated for outstanding performance in applications which require a compounded synthetic extreme pressure oil. Available in the ISO 68, 100, 150, 220, 320, and 460 viscosity grades, **QL-QUALITY Elite** oils are formulated with the use of synthetic API Group III, Group IV, and Group V base stocks. The result is an optimal combination of adequate film strength across all temperatures with excellent fluidity at low temperatures and outstanding oxidative stability. A comprehensive additive package which includes extreme pressure agents, anti-oxidants, metal passivators, demulsfiers, and defoamer ensures performance in even the most demanding settings.

Typical Properties*

ISO VG	68	100	150	220	320	460
Appearance, Visual	Yellow, Transparent, Liquid					
AGMA VG	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @ 40°C, cSt, ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt, ASTM D445	11.57	15.58	21.15	28.2	38.34	51.57
Viscosity Index, ASTM D2270	165	165	165	165	170	175
Flash Point, °C, ASTM D92	225	225	225	225	225	225
Pour Point, °C, ASTM D97	-50	-48	-48	-48	-45	-45

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

AIST 224, David Brown S1.53.101 (E), AGMA 9005-E02

Product Codes:

ISO 68 – SPE650
ISO 100 – SPE651
ISO 150 – SPE652
ISO 220 – SPE653
ISO 320 – SPE654
ISO 460 – SPE655

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-QUALITY
Spindle Oils
ISO VG 10, 15 & 22

Product Description

QL-QUALITY SPINDLE OILS ISO VG 10, 15, and 22 are premium quality lubricants designed for use in high-speed spindle bearings or any application which requires a low viscosity oil with good anti-wear and anti-oxidant properties **QL-QUALITY SPINDE OILS** are formulated with highly refined paraffinic base stocks and a premium performance additive package which includes anti-wear, anti-oxidant, anti-foam, and demulsifying agents.

Typical Properties*

ISO VG	***10***	***15***	***22***
Appearance, Visual	Clear or Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	10.0	15.0	22.0
Viscosity @ 100°C, cSt, ASTM D445	2.57	3.4	4.37
Viscosity Index, ASTM D2270	79	95	105
Flash Point, °C, ASTM D92	170	180	195
Pour Point, °C, ASTM D97	-15	-15	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Product Codes:
ISO 10 – SXP662
ISO 100 – SXP663
ISO 150 – SXP664

Corporate Office:
10887 NW 17 Street, Unit 207
Miami, FL, 33172
(800) 7666804

QL-QUALITY
Spindle Oils
ISO VG 10, 15 & 22

Product Description

QL-QUALITY SPINDLE OILS ISO VG 10, 15, and 22 are premium quality lubricants designed for use in high-speed spindle bearings or any application which requires a low viscosity oil with good anti-wear and anti-oxidant properties **QL-QUALITY SPINDE OILS** are formulated with highly refined paraffinic base stocks and a premium performance additive package which includes anti-wear, anti-oxidant, anti-foam, and demulsifying agents.

Typical Properties*

ISO VG	10	15	22
Appearance, Visual	Clear or Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	10.0	15.0	22.0
Viscosity @ 100°C, cSt, ASTM D445	2.57	3.4	4.37
Viscosity Index, ASTM D2270	79	95	105
Flash Point, °C, ASTM D92	170	180	195
Pour Point, °C, ASTM D97	-15	-15	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Product Codes:
ISO 10 – SXP662
ISO 100 – SXP663
ISO 150 – SXP664

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Miami, FL, 33172
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QL-QUALITY
Spindle Oils
ISO VG 10, 15 & 22

Product Description

QL-QUALITY SPINDLE OILS ISO VG 10, 15, and 22 are premium quality lubricants designed for use in high-speed spindle bearings or any application which requires a low viscosity oil with good anti-wear and anti-oxidant properties **QL-QUALITY SPINDE OILS** are formulated with highly refined paraffinic base stocks and a premium performance additive package which includes anti-wear, anti-oxidant, anti-foam, and demulsifying agents.

Typical Properties*

ISO VG	10	15	22
Appearance, Visual	Clear or Yellow, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	10.0	15.0	22.0
Viscosity @ 100°C, cSt, ASTM D445	2.57	3.4	4.37
Viscosity Index, ASTM D2270	79	95	105
Flash Point, °C, ASTM D92	170	180	195
Pour Point, °C, ASTM D97	-15	-15	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Product Codes:
ISO 10 – SXP662
ISO 100 – SXP663
ISO 150 – SXP664

Corporate Office:
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QL-QUALITY
EP Gear Oils

ISO VG 68, 100, 150, 220, 320, 460

Product Description

QL-QUALITY EXTREME PRESSURE (EP) GEAR OILS ISO 220, 320, 460 are formulated with highly-refined paraffinic base stocks plus extreme pressure performance additives specially designed to impart enhanced film strength. These specialty anti-scuffing compounds, which provide advanced protection and lubricity in extreme pressure conditions, consist of sulfur-phosphorous based EP technology for modification of gear rubbing surfaces to prevent welding and galling from inadequate film strength. Furthermore, **QL-QUALITY EXTREME PRESSURE GEAR OILS ISO 220, 320, 460 EP** are formulated to resist and provide extra protection against rust, oxidation, foaming, moisture and varnish.

Typical Properties*

ISO VG	68	100	150	220	320	460
Appearance, Visual	Yellow, Transparent, Liquid					
Viscosity @ 40°C, cSt, ASTM D445	68.0	100.0	150.0	220.0	320.0	460.0
Viscosity @ 100°C, cSt, ASTM D445	8.97	11.72	15.51	20.10	25.05	31.91
Viscosity Index, ASTM D2270	105	105	105	105	100	100
Flash Point, °C, ASTM D92	205	210	215	220	230	250
Pour Point, °C, ASTM D97	-20	-20	-15	-5	0	5

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

DIN 51517-3 (CLP)
AGMA EP 9005-E02
U.S. Steel 224
Cincinnati Machine P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)

Product Codes:

ISO 68 – SXP656
ISO 100 – SXP657
ISO 150 – SXP658
ISO 220 – SXP659
ISO 320 – SXP660
ISO 460 – SXP661

Corporate Office:
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Miami, FL, 33172
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QL-QUALITY
Way Lube
ISO VG 68 & 220

Product Description

QL-QUALITY Way Lube ISO VG 68 and ISO VG 220 are premium quality slideway lubricants manufactured with highly refined paraffinic base stocks and a performance additive package. **QL-QUALITY Way Lubes** provide good extreme pressure protection while providing the necessary tackiness to adhere to slides and ways. The comprehensive additive package also contains anti-wear, anti-oxidant and anti-foam agents.

Typical Properties*

ISO VG	68	220
Appearance, Visual	Yellow, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	68.0	220.0
Viscosity @ 100°C, cSt, ASTM D445	8.97	20.1
Viscosity Index, ASTM D2270	105	105
Flash Point, °C, ASTM D92	215	235
Pour Point, °C, ASTM D97	-20	-15

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

Cincinnati Machine P-47 (ISO 68)
Cincinnati Machine P-50 (ISO 220)

Product Codes:

ISO VG 68 – SXP665
ISO VG 220 – SXP667

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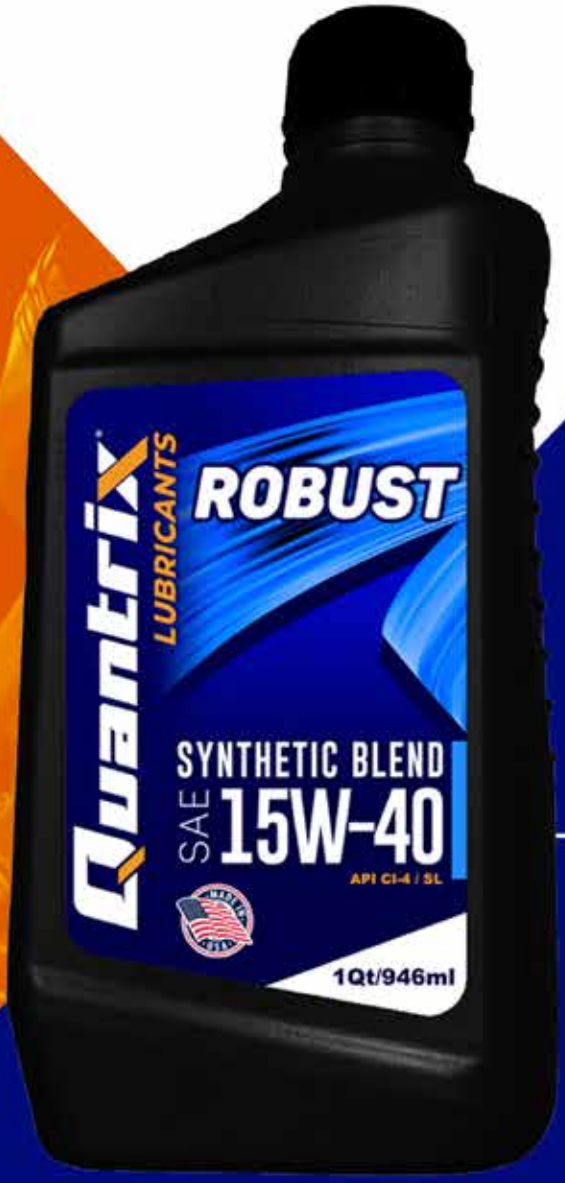
Quantrix®
LUBRICANTS



ROBUST

www.quantrixproducts.com

Quantrix® LUBRICANTS

QL-ROBUST Elite

Full Synthetic Heavy-Duty Engine Oils
SAE 5W-30, 10W-30, 5W-40, 10W-40, 15W-40; API CK-4/SN

Product Description

QL-ROBUST Elite Full Synthetic Heavy-Duty Motor Oils, SAE 5W-30, SAE 10W-30, SAE 5W-40, SAE 10W-40 and SAE 15W-40, API CK-4/SN are formulated with synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST Elite Full Synthetic Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	*5W-30*	*10W-30*	*5W-40*	*10W-40*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	61.25	73.7	86.8	91.75	104.45
Viscosity @ 100°C, cSt, ASTM D445	10.8	11.5	14.5	14.5	15.3
Viscosity Index, ASTM D2270	170	150	175	165	155
CCS Apparent Viscosity, cP, ASTM D5293	5,200@-30°C	5,400@-25°C	5,600@-30°C	5,800@-25°C	5,400@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	17,600@-30°C	22,000@-35°C	21,000@-30°C	17,000@-25°C
Flash Point, °C, ASTM D92	215	218	218	218	220
Pour Point, °C, ASTM D97	-42	-40	-40	-40	-38
Total Base Number, mg KOH/g, ASTM D2896	9	9	9	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Cummins CES 20086
Damiler MB 228.31
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Mack EOS 4.5
Volvo VDS-4.5
ACEA E9-12
DDC 93K222
Renault Trucks RLD-4
Ford WSS-M2C171-F1
Caterpillar ECF-3
MTU Type 2.1

Product Code

SAE 5W-30 – SFE201; **SAE 10W-30** – SFE202; **SAE 5W-40** – SFE203; **SAE 10W-40** – SFE204; **SAE 15W-40** – SFE205

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Quantrix® LUBRICANTS

QL-ROBUST Elite

Full Synthetic Heavy-Duty Engine Oils
SAE 5W-30, 10W-30, 5W-40, 10W-40, 15W-40; API CK-4/SN

Product Description

QL-ROBUST Elite Full Synthetic Heavy-Duty Motor Oils, SAE 5W-30, SAE 10W-30, SAE 5W-40, SAE 10W-40 and SAE 15W-40, API CK-4/SN are formulated with synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST Elite Full Synthetic Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	*5W-30*	*10W-30*	*5W-40*	*10W-40*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	61.25	73.7	86.8	91.75	104.45
Viscosity @ 100°C, cSt, ASTM D445	10.8	11.5	14.5	14.5	15.3
Viscosity Index, ASTM D2270	170	150	175	165	155
CCS Apparent Viscosity, cP, ASTM D5293	5,200@-30°C	5,400@-25°C	5,600@-30°C	5,800@-25°C	5,400@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	17,600@-30°C	22,000@-35°C	21,000@-30°C	17,000@-25°C
Flash Point, °C, ASTM D92	215	218	218	218	220
Pour Point, °C, ASTM D97	-42	-40	-40	-40	-38
Total Base Number, mg KOH/g, ASTM D2896	9	9	9	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Cummins CES 20086
Damiler MB 228.31
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Mack EOS 4.5
Volvo VDS-4.5
ACEA E9-12
DDC 93K222
Renault Trucks RLD-4
Ford WSS-M2C171-F1
Caterpillar ECF-3
MTU Type 2.1

Product Code

SAE 5W-30 – SFE201; **SAE 10W-30** – SFE202; **SAE 5W-40** – SFE203; **SAE 10W-40** – SFE204; **SAE 15W-40** – SFE205

MADE IN USA

Corporate Office:
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(800) 7666804

Quantrix® LUBRICANTS

QL-ROBUST Elite

Full Synthetic Heavy-Duty Engine Oils
SAE 5W-30, 10W-30, 5W-40, 10W-40, 15W-40; API CK-4/SN

Product Description

QL-ROBUST Elite Full Synthetic Heavy-Duty Motor Oils, SAE 5W-30, SAE 10W-30, SAE 5W-40, SAE 10W-40 and SAE 15W-40, API CK-4/SN are formulated with synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST Elite Full Synthetic Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	*5W-30*	*10W-30*	*5W-40*	*10W-40*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	61.25	73.7	86.8	91.75	104.45
Viscosity @ 100°C, cSt, ASTM D445	10.8	11.5	14.5	14.5	15.3
Viscosity Index, ASTM D2270	170	150	175	165	155
CCS Apparent Viscosity, cP, ASTM D5293	5,200@-30°C	5,400@-25°C	5,600@-30°C	5,800@-25°C	5,400@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	17,600@-30°C	22,000@-35°C	21,000@-30°C	17,000@-25°C
Flash Point, °C, ASTM D92	215	218	218	218	220
Pour Point, °C, ASTM D97	-42	-40	-40	-40	-38
Total Base Number, mg KOH/g, ASTM D2896	9	9	9	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Cummins CES 20086
Damiler MB 228.31
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Mack EOS 4.5
Volvo VDS-4.5
ACEA E9-12
DDC 93K222
Renault Trucks RLD-4
Ford WSS-M2C171-F1
Caterpillar ECF-3
MTU Type 2.1

Product Code

SAE 5W-30 – SFE201; **SAE 10W-30** – SFE202; **SAE 5W-40** – SFE203; **SAE 10W-40** – SFE204; **SAE 15W-40** – SFE205

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Corporate Office:
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Quantrix® LUBRICANTS

QL-ROBUST

Synthetic Blend Heavy-Duty Engine Oils
SAE 10W-30 & SAE 15W-40; API CK-4/SN

Product Description

QL-ROBUST Synthetic Blend Heavy-Duty Engine Oils, SAE 10W-30 and 15W-40, API CK-4/SN are formulated with conventional and synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST SAE 10W-30 and 15W-40 Synthetic Blend Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	***10W-30***	***15W-40***
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	71.55	103.4
Viscosity @ 100°C, cSt, ASTM D445	11.0	14.5
Viscosity Index, ASTM D2270	145	145
CCS Apparent Viscosity, cP, ASTM D5293	5,500@-25°C	5,100@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-30°C	19,000@-25°C
Flash Point, °C, ASTM D92	215	220
Pour Point, °C, ASTM D97	-40	-35
Total Base Number, mg KOH/g, ASTM D2896	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Ford WSS-M2C171-F1
DDC 93K222
Volvo VDS-4.5
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Cummins CES 20086
Caterpillar ECF-3
Renault Trucks RLD-4
ACEA E9-12
Mack EOS 4.5
Damiler MB 228.31
MTU Type 2.1

Product Code

SAE 10W-30 – SXF206; **SAE 15W-40** – SXF207

MADE IN USA

Corporate Office:
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Miami, FL, 33172
(800) 7666804

QL-ROBUST Elite

Full Synthetic Heavy-Duty Engine Oils
SAE 5W-30, 10W-30, 5W-40, 10W-40, 15W-40; API CK-4/SN

Product Description

QL-ROBUST Elite Full Synthetic Heavy-Duty Motor Oils, SAE 5W-30, SAE 10W-30, SAE 5W-40, SAE 10W-40 and SAE 15W-40, API CK-4/SN are formulated with synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST Elite Full Synthetic Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	*5W-30*	*10W-30*	*5W-40*	*10W-40*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	61.25	73.7	86.8	91.75	104.45
Viscosity @ 100°C, cSt, ASTM D445	10.8	11.5	14.5	14.5	15.3
Viscosity Index, ASTM D2270	170	150	175	165	155
CCS Apparent Viscosity, cP, ASTM D5293	5,200@-30°C	5,400@-25°C	5,600@-30°C	5,800@-25°C	5,400@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	17,600@-30°C	22,000@-35°C	21,000@-30°C	17,000@-25°C
Flash Point, °C, ASTM D92	215	218	218	218	220
Pour Point, °C, ASTM D97	-42	-40	-40	-40	-38
Total Base Number, mg KOH/g, ASTM D2896	9	9	9	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Cummins CES 20086
Damiler MB 228.31
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Mack EOS 4.5
Volvo VDS-4.5
ACEA E9-12
DDC 93K222
Renault Trucks RLD-4
Ford WSS-M2C171-F1
Caterpillar ECF-3
MTU Type 2.1

Product Code

SAE 5W-30 – SFE201; **SAE 10W-30** – SFE202; **SAE 5W-40** – SFE203; **SAE 10W-40** – SFE204; **SAE 15W-40** – SFE205

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QL-ROBUST

Synthetic Blend Heavy-Duty Engine Oils
SAE 15W-40 & 20W-50; API CI-4/SL, CI-4 Plus

Product Description

QL-ROBUST Synthetic Blend Heavy-Duty Engine Oil, SAE 15W-40 & 20W-50, API CI-4/SL, CI-4 Plus is a parasynthetic crankcase lubricant for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits excellent detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	*15W-40*	*20W-50*
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	103.40	154.75
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	145	135
CCS Apparent Viscosity, cP, ASTM D5293	5,000@-20°C	7,000@-15°C
Flash Point, °C, ASTM D92	220	235
Pour Point, °C, ASTM D97	-35	-30
Total Base Number, mg KOH/g, ASTM D2896	10	10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API CI-4 Plus, CI-4, CH-4, CF-4, CF-2, CF
Cummins CES 20078
MTU Type 1
Renault Truck RD/RD-2
API SL, SJ, SG, SF
MB 228.1, 229.1
Volvo VDS-2
CAT ECF-1-a
ACEA E7
MAN 271
Mack EO-M Plus
ZF TE-ML 07C

Product Code

SAE 15W-40 – SXF210
SAE 20W-50 – SXF211

Corporate Office:
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(800) 7666804

QL-ROBUST Elite

Full Synthetic Heavy-Duty Engine Oils
SAE 5W-30, 10W-30, 5W-40, 10W-40, 15W-40; API CK-4/SN

Product Description

QL-ROBUST Elite Full Synthetic Heavy-Duty Motor Oils, SAE 5W-30, SAE 10W-30, SAE 5W-40, SAE 10W-40 and SAE 15W-40, API CK-4/SN are formulated with synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **QL-ROBUST Elite Full Synthetic Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations

Typical Properties*

SAE J300 Viscosity Grade	*5W-30*	*10W-30*	*5W-40*	*10W-40*	*15W-40*
Appearance, Visual	Amber, Transparent, Liquid				
Viscosity @ 40°C, cSt, ASTM D445	61.25	73.7	86.8	91.75	104.45
Viscosity @ 100°C, cSt, ASTM D445	10.8	11.5	14.5	14.5	15.3
Viscosity Index, ASTM D2270	170	150	175	165	155
CCS Apparent Viscosity, cP, ASTM D5293	5,200@-30°C	5,400@-25°C	5,600@-30°C	5,800@-25°C	5,400@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-35°C	17,600@-30°C	22,000@-35°C	21,000@-30°C	17,000@-25°C
Flash Point, °C, ASTM D92	215	218	218	218	220
Pour Point, °C, ASTM D97	-42	-40	-40	-40	-38
Total Base Number, mg KOH/g, ASTM D2896	9	9	9	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Suitable for Use:

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
Cummins CES 20086
Damiler MB 228.31
Deutz DQC III-10 LA
API SN, SM, SJ, SF
Mack EOS 4.5
Volvo VDS-4.5
ACEA E9-12
DDC 93K222
Renault Trucks RLD-4
Ford WSS-M2C171-F1
Caterpillar ECF-3
MTU Type 2.1

Product Code

SAE 5W-30 – SFE201; **SAE 10W-30** – SFE202; **SAE 5W-40** – SFE203; **SAE 10W-40** – SFE204; **SAE 15W-40** – SFE205

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QL-ROBUST
Synthetic Blend Heavy-Duty Engine Oils
SAE 15W-50 & SAE 20W-50; API CJ-4/SN

Product Description

QL-ROBUST Synthetic Blend Heavy-Duty Engine Oil, SAE 15W-50 and SAE 20W-50, API CJ-4/SN are parasynthetic crankcase lubricants for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits excellent detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	*15W-50*	*20W-50*
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	129.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	17.5	18.5
Viscosity Index, ASTM D2270	150	130
CCS Apparent Viscosity, cP, ASTM D5293	6,300@-20°C	6,250@-15°C
Flash Point, °C, ASTM D92	220	225
Pour Point, °C, ASTM D97	-35	-30
Total Base Number, mg KOH/g, ASTM D2896	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:
API CJ-4, CI-4 Plus, CI-4, CH-4, CF-4, CF-2, CF
API SN, SM, SL, SJ, SG

Product Code
SAE 15W-50 – SXF208
SAE 20W-50 – SXF209

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Miami, FL, 33172
(800) 7666804

QL-ROBUST

Synthetic Blend Heavy-Duty Engine Oils
SAE 15W-50 & SAE 20W-50; API CJ-4/SN

Product Description

QL-ROBUST Synthetic Blend Heavy-Duty Engine Oil, SAE 15W-50 and SAE 20W-50, API CJ-4/SN are parasynthetic crankcase lubricants for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits excellent detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	*15W-50*	*20W-50*
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	129.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	17.5	18.5
Viscosity Index, ASTM D2270	150	130
CCS Apparent Viscosity, cP, ASTM D5293	6,300@-20°C	6,250@-15°C
Flash Point, °C, ASTM D92	220	225
Pour Point, °C, ASTM D97	-35	-30
Total Base Number, mg KOH/g, ASTM D2896	9	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API CJ-4, CI-4 Plus, CI-4, CH-4, CF-4, CF-2, CF
API SN, SM, SL, SJ, SG

Product Code

SAE 15W-50 – SXF208
SAE 20W-50 – SXF209

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Quantrix® LUBRICANTS

QL-ROBUST

Synthetic Blend Heavy-Duty Engine Oils
SAE 15W-40 & 20W-50; API CI-4/SL, CI-4 Plus

Product Description

QL-ROBUST Synthetic Blend Heavy-Duty Engine Oil, SAE 15W-40 & 20W-50, API CI-4/SL, CI-4 Plus is a parasynthetic crankcase lubricant for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits excellent detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	*15W-40*	*20W-50*
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	103.40	154.75
Viscosity @ 100°C, cSt, ASTM D445	14.5	18.5
Viscosity Index, ASTM D2270	145	135
CCS Apparent Viscosity, cP, ASTM D5293	5,000@-20°C	7,000@-15°C
Flash Point, °C, ASTM D92	220	235
Pour Point, °C, ASTM D97	-35	-30
Total Base Number, mg KOH/g, ASTM D2896	10	10

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API CI-4 Plus, CI-4, CH-4, CF-4, CF-2, CF
Cummins CES 20078
MTU Type 1
Renault Truck RD/RD-2
API SL, SJ, SG, SF
MB 228.1, 229.1
Volvo VDS-2
CAT ECF-1-a
ACEA E7
MAN 271
Mack EO-M Plus
ZF TE-ML 07C

Product Code

SAE 15W-40 – SXF210
SAE 20W-50 – SXF211

MADE IN USA

Corporate Office:
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Quantrix LUBRICANTS

QL-ROBUST Viridis

Synthetic Blend Heavy-Duty Engine Oils
SAE 25W-60; API CH-4/SL

Product Description

QL-ROBUST Viridis Synthetic Blend Heavy-Duty Engine Oil, SAE 25W-60, API CH-4/SL is a parasynthetic crankcase lubricant for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits good detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	*25W-60*
Appearance, Visual	Dark Green
Viscosity @ 40°C, cSt, ASTM D445	252.15
Viscosity @ 100°C, cSt, ASTM D445	24.0
Viscosity Index, ASTM D2270	120
CCS Apparent Viscosity, cP, ASTM D5293	6,800@-10°C
Flash Point, °C, ASTM D92	235
Pour Point, °C, ASTM D97	-20
Total Base Number, mg KOH/g, ASTM D2896	9

**The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.*

Exceeds Performance Requirements:

API CH-4, CF-4, CF-2, CF
API SL, SJ, SG, SF

Product Code

SAE 25W-60 – SFX212

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