



ADVANCED SOLUTIONS
for Grease, Lubricant,
and Fuel Production in the Industrial
and Automotive Sectors

QUANTRIX[®] BOOSTERS

Quantrix Boosters are high-performance additives designed to optimize the formulation of greases, lubricants, and fuels.

GENERAL BENEFITS:

- Enhanced technical performance
- Extended equipment life
- Compliance with international standards and regulations
- Added value for manufacturers and producers



QUANTRIX® BOOSTERS PRODUCT PORTFOLIO



QA-106D - OVERBASED Calcium Sulfonate (TBN 400)

Function: TBN (Total Base Number) booster

Benefit: Increases detergent and neutralizing capacity in engine and marine oils.

QA-107 - OVERBASED Magnesium Sulfonate (TBN 400)

Function: Detergent and neutralizer

Benefit: Controls deposits, protects against corrosion, and improves oil stability.

QA-106GF - Calcium Sulfonate for Greases

Function: Thickening and protective agent

Benefit: Provides water resistance, oxidation protection, and mechanical stability in greases.

QA-321 - Sulfurized Isobutylene

Function: Extreme Pressure (EP) agent

Benefit: Enhances wear resistance and protects gears under severe loads.

QA-215 - ZDDP (Zinc Dialkyldithiophosphate)

Function: Anti-wear and antioxidant agent

Benefit: Extends engine life, protects metal surfaces, and reduces friction.

QA-826 - Polymethacrylate (PMA) - PPD

Function: Pour point depressant

Benefit: Facilitates cold starts and ensures lubricant stability at low temperatures.

QA-903 - High Reactivity Antifoam Additives

Function: Foam control

Benefit: Ensures hydraulic stability and consistent lubrication.

QA-154B - Boronate Polyisobutylene Succinimide

Function: Advanced dispersant

Benefit: Keeps engines and systems clean by reducing deposits and sludge.

QA-157 - Polyisobutylene Succinimide

Function: Dispersant

Benefit: Reduces deposits in fuels and oils, improving efficiency.

QA-318 - Ashless Anti-Wear Additive

Function: Ashless anti-wear protection

Benefit: Compatible with modern low-SAPS systems, protects without contaminating.

QA-60802 - Polymethyl Methacrylate (PMA) - Viscosity Index Improver (ATF)

Function: Viscosity index improver

Benefit: Maintains fluidity and protection under varying temperature conditions.

QA-312 - Phosphate Amine Anti-Wear Agent

Function: Anti-wear agent

Benefit: Protects metal surfaces, ideal for gears and transmissions.

QA-6007B - Emulsified Oil Additive Package

Function: Emulsion stabilizer

Benefit: Improves lubrication in industrial and cutting applications.

QA-21002MO - Molybdenum Dialkyldithiocarbamate

Function: Friction modifier

Benefit: Reduces friction, protects against wear, and improves energy efficiency.

QA-DP120 - Dropping Point Booster

Function: Dropping point enhancer for greases

Benefit: Improves thermal resistance of greases at high temperatures.

VISCOSITY INDEX IMPROVERS FOR LUBRICANTS AND GREASES

Viscosity Index Improvers (VII) are polymeric additives designed to control viscosity variation under changing temperature conditions. Their use in engine oils, industrial lubricants, and greases ensures:



- Stable performance
- Enhanced component protection
- Extended product life

QA-P8001

Description: OCP (Olefin Copolymer) in pellet form

Key Properties: 24 SSI

Application: Industrial and automotive oils requiring balance between thickening efficiency and shear resistance..

QA-P8161

Description: OCP (Olefin Copolymer) in pellet form

Key Properties: >45 SSI (high stability)

Application: High-performance lubricants and multigrade oils with maximum mechanical resistance.



QA-X2500

Description: Highly stable amorphous OCP, in bale form

Key Properties: <25 PSSI with narrow molecular distribution

Application: Engine oils and industrial fluids under severe conditions.

QA-X3500

Description: Highly stable amorphous OCP, in bale form

Key Properties: 35 PSSI

Application: Heavy-duty lubricants for transportation, construction, and mining.

QA-S1100

Description: Premium hydrogenated styrene-based polymer

Key Properties: PSSI: 30 | White Crumb: <5

Application: Synthetic oils and premium lubricants with maximum shear stability and high thickening efficiency.

EXECUTIVE SUMMARY

- OCP improvers (QA-P and QA-X series) deliver versatility and robust performance in industrial and multigrade automotive oils, ensuring stability and shear resistance.
- QA-S1100 stands out as the premium option thanks to hydrogenation, low impurity content (White Crumb <5), and excellent PSSI = 30, ideal for high-value synthetic lubricants.

Quantrix[®] **BOOSTERS**

**THE TECHNOLOGY
THAT POWERS
YOUR FORMULATIONS**

QuantrixTechnology.com



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