

4023 Winter Power with Xtreme Torque®

DESCRIPTION:

Winter Power (WP) 4023 is a Premium Select™ winterized premium diesel additive (PDA) which imparts high performance qualities to diesel fuel. WP 4023 provides "Premium Diesel" qualities to standard diesel fuels in terms of detergency, stability, lubricity, winter operability and cetane number. Its effective anti-gel additive greatly improves cold temperature performance. In addition, WP 4023 contains Xtreme Torque®, a powerful cetane improver, for a maximum boost in power and performance.

COMPOSITION:

WP 4023 contains the following additives:

- Detergents
- Lubricity Agents
- Dispersants
- Rust Inhibitors
- Stabilizers
- Corrosion Inhibitors
- Flow Improvers
- Anti-Oxidants
- Anti-Gel Additives
- Metal Deactivators
- Cetane Improvers
- Asphaltene Dissolution & Dispersion Agents
- IDID Detergents

PERFORMANCE CHARACTERISTICS:

Detergency – WP 4023 helps clean IDID deposits as demonstrated in proprietary laboratory and field testing, helps provide DW-10, and XUD-9 deposit cleaning performance, and reduces injector nozzle coking as demonstrated in the Cummins L-10 125-Hour Injector Depositing Test, when used at the appropriate recommended treat rate.

Cold Temperature Performance – WP 4023 lowers Pour Point, Cold Filter Plugging Point, and Low Temperature Fluidity. It prevents diesel fuel gelling and greatly improves cold temperature operability. Fuel can be treated with WP 4023 to pass the ASTM D-975 Winter Operability requirements.

Cetane – WP 4023 improves ignition efficiency, improves cold starts, reduces warmup time, smoothes engine operation, increases power and fuel economy. WP 4023 is formulated with Xtreme Torque®, to produce an increase of 4 cetane numbers or 40 points in responsive diesel fuels at its optimum treatment rate.

Stability – Fuel can also be treated with WP 4023 to pass the ASTM D-6468 Thermal Stability Test as well as the other commonly used storage stability tests.

Lubricity – WP 4023 improves lubricity of diesel fuels in both the BOCLE Test and the HFRR Test, which is a critical factor with low-sulfur No. 2 and especially with kerosene-blended fuels.

Rust and Corrosion Protection – Prevents all types of rust and corrosion in fuel lines, strainers, pumps and injectors.

USES:

- Prevents diesel fuel gelling
- Boosts power
- Maintains fuel spray pattern
- Reduces combustion noise
- Cuts emissions and black smoke
- Maintains peak fuel economy
- Reduces injector system maintenance
- Extends engine life
- Extends fuel storage life
- Dissolves & Disperses Asphaltenes



PREMIUM SELECT

FUEL
ADDITIVES

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APPLICATIONS:

WP 4023 is an extremely versatile product that can be used in a wide range of effective treatment ratios from an economical 1:3000 to 1:750 for maximum performance benefits or for non-responsive or poor quality diesel fuels.

WP 4023 is recommended for ultra-low sulfur S-15 diesel fuel. Use at 1:1500 for enhanced L-10/DW-10/XUD-9 performance in suitable diesel fuels and optimal overall performance in most applications including lubricity in kerosene. Treat rates as low as 1:3000 may be used to provide significant enhancement of all properties in responsive fuels. Treat rates as high as 1:750 may be used for maximum performance enhancements or to achieve specific target criteria in certain fuels.

The sulfur content of this diesel fuel additive does not exceed 15 ppm. This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and nonroad engines.

TYPICAL SPECIFICATIONS:

Appearance	Amber Liquid
Viscosity, cs @ 40° C	5.3
Flash Point, °F	142
Density (#/gal)	7.5-7.7
Pour Point, °F max.	-45