

4012 Winter Power with Xtreme Torque®

DESCRIPTION:

Winter Power (WP) 4012 is a Premium Select™ winterized premium diesel additive (PDA) which imparts high performance qualities to diesel fuel. WP 4012 provides "Premium Diesel" qualities to standard diesel fuels in terms of detergency, stability and lubricity. In addition, it contains an anti-gel additive to improve cold temperature operability and Xtreme Torque®, an ignition improver, for quicker cold starts.

COMPOSITION:

WP 4012 contains the following additives:

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

PERFORMANCE CHARACTERISTICS:

Detergency – WP 4012 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 4012 lowers Pour Point, Cold Filter Plugging Point, and Low Temperature Fluidity. It prevents diesel fuel gelling and improves winter operation.

Cetane – WP 4012 is formulated with Xtreme Torque® to improve ignition efficiency, improve cold starts, reduce warm-up time, smooth engine operation, increase power and fuel economy.

Stability – Fuel can also be treated with WP 4012 to pass the ASTM D-6468 Thermal Stability Test as well as the other commonly used storage stability tests.

Lubricity – WP 4012 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
- Improves ignition efficiency
- 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

APPLICATIONS:

WP 4012 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 4012 is recommended for low sulfur and ultra low sulfur S-15 diesel fuel. Use at 1:1500 for enhanced L-10 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.



PREMIUM SELECT

FUEL
ADDITIVES

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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)	7.1-7.6
Pour Point, °F max.	-45