

# 4000 Winter Power with WASA

**DESCRIPTION:**

Winter Power (WP) with WASA 4000 imparts high performance properties to diesel fuel. Its powerful combination of anti-gel and flow improver additives greatly improves cold temperature performance, both in the Cold Temperature Plugging Point (CFPP) test, and in the actual operability of all diesel fuels. In addition, Winter Power with WASA contains a cetane booster for quicker cold starts.

**COMPOSITION:**

WP with WASA contains the following additives:

- Detergents
- Lubricity Agents
- Dispersants
- Rust Inhibitors
- Stabilizers
- Corrosion Inhibitors
- Flow Improvers
- Anti-Oxidants
- Anti-Gel Additives
- Metal Deactivators
- Cetane Improvers

**PERFORMANCE CHARACTERISTICS:**

**Detergency** – WP with WASA 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 with WASA lowers Pour Point, Cold Filter Plugging Point, and Low Temperature Fluidity. It prevents diesel fuel gelling and greatly improves cold temperature operability by utilizing a combination of wax arresters, wax nucleators and wax anti-settling agents which enhance performance and treat all types of diesel fuel waxes. In addition, it contains ICE CHECK, a moisture anti-freezing and dispersant additive.

**Cetane** – WP with WASA improves ignition efficiency, improves cold starts, reduces warmup time, smoothes engine operation, increases power and fuel economy.

**Lubricity** – WP with WASA 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
- Prevents wax stratification
- Boosts power
- Maintains fuel spray pattern
- Improves combustion
- Improves lubricity
- Maintains peak fuel economy
- Reduces injector system maintenance
- Extends engine life
- Extends fuel storage life
- Effective in bio-diesel

**APPLICATIONS:**

WP with WASA 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 with WASA 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

## 4000 Winter Power<sup>with WASA</sup>

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	125
Density (#/gal)	7.2-7.5
Pour Point, °F max.	0