

2030 Winter Blend with Ice Check™

DESCRIPTION:

Winter Blend (WB) 2030 is a Premium Select™ winterized premium diesel additive (PDA) which imparts high performance qualities to diesel fuel. WB 2030 provides “Premium Diesel” qualities to standard diesel fuels in terms of detergency, stability, lubricity and winter operability. Ice Check™ provides additional winter protection against freezeups.

COMPOSITION:

WB 2030 contains the following additives:

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

PERFORMANCE CHARACTERISTICS:

Detergency – WB 2030 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 – WB 2030 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 WB 2030 to pass the ASTM D-975 Winter Operability requirements. Ice Check™ not only disperses water, but also lowers its freeze point for superior winter performance.

Stability – Fuel can also be treated with WB 2030 to pass the ASTM D-6468 Thermal Stability Test as well as the other commonly used storage stability tests.

Lubricity – WB 2030 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 icing
- Disperses moisture
- Maintains fuel spray pattern
- Reduces combustion noise
- Cuts emissions and black smoke
- Highly effective in bio-diesel
- Maintains peak fuel economy
- Reduces injector system maintenance
- Extends engine life
- Extends fuel storage life
- Dissolves & Disperses Asphaltenes



2030 Winter Blend with Ice Check™

APPLICATIONS:

WB 2030 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.

WB 2030 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.

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.

WB 2030 is recommended for use at 1:1500 in biodiesel blends B1 through B10. Use at 1:1200 in B11 through B20.

TYPICAL SPECIFICATIONS:

Appearance	Hazy Amber Liquid
Viscosity, cs @ 40° C	5.3
Flash Point, °F	125
Density (#/gal)	7.3 – 7.6
Pour Point, °F max.	-45