DIESEL FUEL SUPPLEMENT® +CETANE BOOST®

TECHNICAL BULLETIN 1000



Diesel Fuel Supplement[®] +Cetane Boost[®] is endorsed by Cummins[®]



Benefits

Prevents fuel gelling

Protects against fuel-filter icing

Boosts cetane for faster cold starts

Contains **Slickdiesel® Lubricator** to protect fuel pumps and injectors from increased wear caused by Ultra Low Sulfur Diesel (ULSD) fuel

Effective in all diesel fuels including ULSD and biodiesel blends

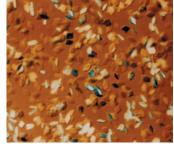
Diesel Fuel Supplement[®] **+Cetane Boost**[®] is a winterizer/antigel that is used in the cold weather months to prevent fuel gelling and keep fuel-filters from plugging with ice and wax. It provides trouble-free winter operation for diesel fuel.

Prevents Fuel Gelling and Protects Against Fuel-Filter Icing

To maximize performance in cold temperatures, Power Service has developed the most advanced cold-flow improver technology available today for all diesel fuels, including Ultra Low Sulfur Diesel (ULSD) fuel and biodiesel blends. **Diesel Fuel Supplement** is designed to prevent fuel-filter plugging by modifying the size and shape of the wax crystals so they remain small enough to flow through fuel-filters without plugging. It also prevents the wax crystals from settling to the bottom of fuel tanks during storage. **Diesel Fuel Supplement** also contains a de-icer to help prevent fuel-filter and fuel-line freezing caused by water.

DIESEL FUEL SUPPLEMENT MODIFIES WAX IN DIESEL FUELS UNTREATED TREATED





Without Diesel Fuel Supplement, large wax crystals block filters and transfer lines, causing fuel gelling.

With Diesel Fuel Supplement, small, compact wax crystals flow in suspension for trouble-free winter operation

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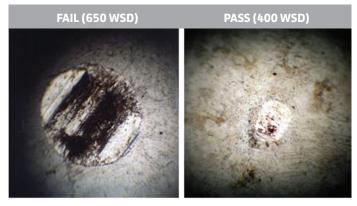


Boosts Cetane

There is a direct relationship between a diesel fuel's cetane number and its ignition point. Delayed ignition is a primary cause of increased emissions and inferior engine performance. The lower the cetane number, the longer the ignition delay. Fuels with high cetane numbers burn more quickly and more completely, resulting in smoother running engines with less power lag and easier engine starting.

Contains Slickdiesel[®] for Maximum Fuel Lubrication

Slickdiesel is a proprietary Power Service diesel fuel lubricator that sets the standard for lubrication of diesel fuel injection systems. The components of diesel fuel injection systems are lubricated by diesel fuel. Without proper lubrication, fuel injectors and pumps are subjected to increased wear rates and premature failure. **Diesel Fuel Supplement**•+**Cetane Boost**[®] contains **Slickdiesel** and exceeds the ASTM D-975 specification of 520 Wear Scar Diameter (WSD) for lubricity in diesel fuel, allowing operators to achieve the EMA recommended 460 WSD.



High Frequency Reciprocating Rig (HFRR) evaluates the lubricity of diesel fuel. The Wear Scar Diameter (WSD) maximum is 520 microns. A WSD measuring larger than 520 does not meet lubricity specifications.

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TYPICAL PHYSICAL PROPERTIES OF DIESEL FUEL SUPPLEMENT +CETANE BOOST

ColorBrown
Density (lbs/gal)
Customer Convenience +Cetane Boost Formula (1:400)
Concentrated +Cetane Boost Formula (1:1,000) 7.7
Concentrated +Cetane Boost Formula (1:1,500) 7.8
Sulfur Content
Flash Point
Customer Convenience +Cetane Boost Formula (1:400) 101°F. Concentrated +Cetane Boost Formula (1:1,000) 110°F. Concentrated +Cetane Boost Formula (1:1,500) 107°F.
Pour Point
Customer Convenience +Cetane Boost Formula (1:400)
Minimum Storage Temperature 10°F.
Solubility
In Diesel Fuel Completely Soluble
In Biodiesel Blends Soluble
In Home Heating Oil Completely Soluble
In Kerosene Completely Soluble
Shipping and Handling
Part Nos. 1016, 1025, 1080, 1128, 1050, 1055 Not regulated by DOT Part Nos. 1060, 1260 Combustible Liquid N.O.S. NA 1993
Diesel Fuel Supplement +Cetane Boost is safe for use in all diesel engines.

Diesel Fuel Supplement + Cetane Boost is safe for use in all diesel engines. This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and nonroad engines.

DIRECTIONS FOR USE

Add **Diesel Fuel Supplement +Cetane Boost** as directed on the container label. To ensure thorough mixing, add prior to filling tanks with diesel fuel.

PART#	РАСК	TREATS	
CUSTOMER CONVENIENCE +CETANE BOOST FORMULA -			
1:400 TREATMENT RATIO			
1016-09	9/1 16-Ounce	Up to 40 Gallons	
1025-12	12/1 32-Ounce	Up to 100 Gallons	
1080-06	6/1 80-Ounce	Up to 250 Gallons	
CONCENTRATED +CETANE BOOST FORMULA –			
1:1,000 TREATMENT RATIO			
1128-04	4/1 One-Gallon	Up to 1,000 Gallons	
1060	260-Gallon Tote	Up to 260,000 Gallons	
CONCENTRATED +CETANE BOOST FORMULA –			
1:1,500 TREATMENT RATIO			
1050-02	Two/2.5-Gallon	Up to 3,750 Gallons	
1055	55-Gallon Drum	Up to 82,500 Gallons	
1260	260-Gallon Tote	Up to 390,000 Gallons	
1000	6,000-Gallon Min.	Up to 9,000,000 Gallons	

