



Advanced Lubricants Technology

DIESEL ECP + CETANE BOOST

Benefits

Clean dirty injectors and prevents injector sticking in both High Pressure Common Rail (HPCR) and older systems. Removes both internal Diesel Injector Deposits (IDIDs) and external deposit (nozzle coking) that decrease power and fuel economy.

Boosts cetane up to 6 number – engines run smoother with less power lag and faster cold starts

Boosts power – reduces need for downshifting

Restores lost power and fuel economy

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

Prevents asphaltene formations and thermal breakdown of diesel fuel- protects against sludge formations that plug fuel-filters and injectors

Provides superior corrosion protection

Effective in all diesel fuels, including ULSD, biodiesel and biodiesel blends

Boosts Cetane up to 6 Numbers

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, lower emissions and easier engine starting.

Diesel ECP + Cetane Boost

Is a total injector cleaner and performance improver that cleans injectors, boosts cetane and lubricants fuel injection components. It restores lost power, and fuel economy and smooths rough-running engines.

Advanced OEM Recommended Injector Cleaning Technology

Power service Diesel ECP + Cetane Boost is formulated with the most effective diesel injector detergent technology in the industry to provide maximum clean-up and prevention of diesel deposits found in modern direct injection diesel engines. The technology prevents and restores lost power and fuel economy caused by both internal Diesel Injector Deposits (IDIDs) and external deposits (nozzle coking). These deposits cause injector sticking and disrupt fuel flow into the combustion chamber. Diesel ECP + Cetane Boost provides accelerated clean-up and keeps-clean performance in all industry standard diesel injector deposit tests including : DW10C and XUD-9. The engine operational improvements are significant:

Restoration of lost power and fuel economy

Increased power and reduced need for downshifting

Smoother and quieter engine operation



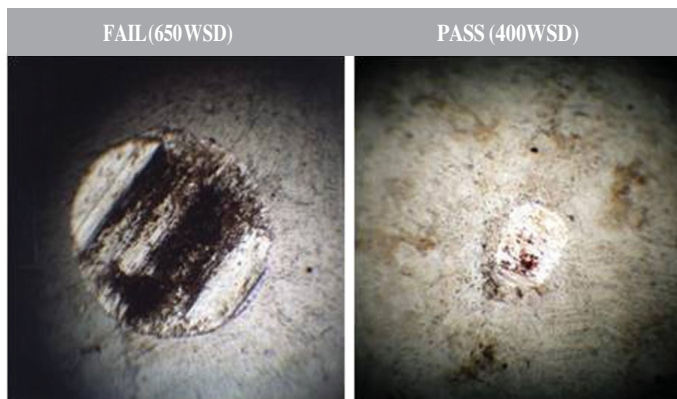
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High Pressure Common Rail injectors before and after clean-up with fuel treated with Diesel ECP + Cetane Boost.

Contains Slickdiesel lubricator for Maximum Fuel Lubrication

Slickdiesel is a proprietary PowerService 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 ECP + Cetane Boost contains Slickdiesel and exceeds the ASTM D-975 specification of 520 Wear Scan 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 ECP +Cetane Boost

Colour

Customer Convenience +Cetane Boost Formula (1:400)	Straw
Concentrated +Cetane Boost Formula (1:1,000)	Brown
Concentrated +Cetane Boost Formula (1:1,500)	Brown

Density (lbs/gal)

Customer Convenience +Cetane Boost Formula (1:400)	7.7
Concentrated +Cetane Boost Formula (1:1,000)	7.8
Concentrated +Cetane Boost Formula (1:1,500)	7.9

Sulfur Content.....<15 parts per million (ppm)

Flash Point

Customer Convenience +Cetane Boost Formula (1:400)	116°F.
Concentrated +Cetane Boost Formula (1:1,000)	117°F.
Concentrated +Cetane Boost Formula (1:1,500)	143°F.

Solubility

In Diesel Fuel	Completely Soluble
In Biodiesel and Biodiesel Blends	Completely Soluble
In Kerosene	Completely Soluble

Shipping and Handling

Part Nos. 3016, 3025, 3080, 3128, 3850, 3855	Not regulated by DOT
Part No. 3860	Combustible Liquid N.O.S. NA 1993 (Petroleum Distillates),
	Marine Pollutant (2-Ethylhexyl Nitrate)

Use of Diesel ECP +Cetane Boost will not harm oxidation catalysts or diesel particulate filters on 2007 or newer engines.
 This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and nonroad engines.