



Technical Data Sheet

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HOT SHOT'S SECRET DIESEL EXTREME Concentrated Injector Cleaner and Cetane Booster

Product Overview

Diesel Extreme is the most concentrated fuel injector cleaner and cetane booster on the market. Diesel Extreme safely cleans internal diesel injector deposits, including waxy and polymeric films, carboxylate salts and external carbon coking injector deposits. This fully functional formula also includes a low sulfur neutral lubricity agent, fuel stabilizing compounds, a water dispersant and anti-corrosion additives. All of this translates into the most powerful and balanced fuel additive that money can buy. Diesel Extreme provides increased power, performance and fuel economy while reducing maintenance costs.

Applications and Uses

Diesel Extreme is safe in all diesel engines: semi-trucks, pick-up trucks, farm and construction equipment, autos, mowers, buses, RVs, and motor homes. These include but are not limited to Ford Powerstroke, Dodge Cummins, GM Duramax, Saab, Volkswagen, and Audi.

Benefits

- Boosts cetane by 7 points
- Improves cold starting
- Eliminates black smoke
- Reduces particulate matter in filters
- Reduces DPF regeneration cycles up to 83%
- Keeps filters from plugging caused by asphaltenes, glycerides and bacteria
- Passes ASTM D2068 Filter Blocking Test
- Increases fuel mileage up to 7.3% and power by up to 12.5%
- Restores throttle response
- Cleans cylinders, fuel tank, lines and injector tips
- Inhibits rust and corrosion in tank and lines
- NACE corrosion test rating of A
- Removes internal diesel injector deposits (IDIDs) formed by carboxylate salts and waxy soap deposits and EDID's carbon coking deposits
- Restores power loss up to 87% in Peugeot CEC F98-08 DW-10 test
- Neutral Lubricity additive for fuel pump and injectors
- Wear scar reduction of 60µm in ASTM D6079
- Military grade non-alcohol-based water dispersant
- Lowers freeze point of water in fuel over 32°F over competitors
- Neutralizes DSS and HDS acids
- Fuel Stabilizer containing anti-oxidants, metal deactivators and dispersants

For maximum performance, use Diesel Extreme on the fuel side in combination with Hot Shot's Secret Stiction Eliminator on the oil side.



Diesel Extreme upgrades power and performance, resulting in quicker response, improved mileage, better cold starts, and reduced maintenance.

Directions for Use

Use Diesel Extreme only once every 6 months. At fuel fill-up, add:

Diesel Fuel	Hot Shot's Secret Diesel Extreme
30-40 gallons	16 ounces (1/2 quart)
75 gallons	1 quart
150 gallons	2 quarts

CAUTION: Use only in diesel fuel.

Packaging

Diesel Extreme is available in:

- 16 ounce bottle (1/2 quart)
- 1 quart bottle
- 2 quart bottle (1/2 gallon)
- 5 gallon bucket

Typical Properties

Property or Test	Result
API gravity @ 60 °F	27.9
Viscosity @ 100 °F, SUS	43
Viscosity @ 100 °F, CS	5.2
Flash point, °F	158
Pour point, °F	-60
Acid test	Excellent
Ash content	None
Copper strip corrosion test	Pass
Gum and varnish test	Excellent
Storage stability	Excellent

The Safety Data Sheet is available at

<http://www.hotshotsecret.com/print-documents/>