



## High Performance Diesel Fuel Additive

### Product Description

#### RBP's High Performance Diesel Fuel Additive

- RBP's High Performance Additive is a total fuel system cleaner and lubricity enhancer with an added 5% cetane increase for all types of diesel engines.
- One 16oz bottle treats 500 gallons. 1oz treats 32 gallons of fuel. Ultra concentrated formula. 1 bottle lasts an average of 16 tanks of fuel. Leading competitors average 1 oz. of additive per five gallons of fuel.
- Improves the performance, fuel efficiency and longevity of diesel engines while reducing deposits, black smoke and emissions.
- Improves fuel economy by cleaning dirty injectors and allowing proper fuel atomization, keeping the injectors lubricated so they last longer and operate more efficiently.
- Compensates for the variances in quality of different fuels (including biodiesel) and the deficiencies of today's Ultra Low Sulfur Diesel fuel (ULSD) for better engine operation.
- Increases mileage by approximately 10%.
- Restores horsepower by cleaning and improving the efficiency of injectors.
- Designed for use in heavy-duty diesel engines.
- EPA Approved.

#### *What is Cetane?*

Generally, diesel engines run well with a Cetane Number (CN) from 40 to 55. Fuels with a higher cetane number which have shorter ignition delays provide more time for the fuel combustion process to be completed. Hence, higher speed diesels operate more effectively with higher cetane number fuels. The national CN average is 45.

#### *Disperses Water*

When outside weather changes dramatically from hot to cold, diesel fuel tanks sweat, creating condensation. Water damages both injectors and the entire fuel injection system.

#### *BioDiesel*

Biodiesel properties increase the likeliness of moisture accumulating in the fuel tank, creating rust and other deposits. When outside weather changes dramatically from hot to cold, diesel fuel tanks sweat, creating condensation. Water damages both injectors and the entire fuel injection system. RBP's regular additive is recommended when using Biodiesel to reduce risks of rust and metal contamination.

### *Lubricates Fuel Injectors and Pump*

Standard low sulfur diesel fuel contains 500 sulfur parts per million (ppm). Ultra low sulfur diesel fuel reduces sulfur content to 15 ppm. Because of this sulfur reduction, ultra low sulfur diesel fuel has significantly reduced lubricity – a critical property in controlling wear in fuel pumps and injectors. RBP's Diesel Fuel Additive adds back all the lubricity properties needed and more, without adding sulfur. Fuel pump and injector service life is extended, saving time and money on maintenance costs.

### *Waxing and Gelling*

Fuel degradation causes waxing and gelling, which in turn increases deposits and the chance of filter plugging. RBP's diesel fuel additive contains an anti-gelling detergent combined with our water dispersing formula which controls walling and gelling.

- Controls waxing and gelling
- Inhibits wax crystal growth
- Reduces pour point
- Reduces Cold Filter Plug Point
- Keeps fuel filters free of wax

### *Fuel Stabilizer*

RBP's Diesel Fuel Additive significantly improves the oxidation and thermal stability of diesel fuel and overcompensates for ultra low sulfur diesel fuel's potential stability loss caused by extra processing and sulfur removal. Diesel fuel treated with RBP's Diesel Fuel Additive easily meets the requirements of the National Council of Weights and Measures (NCWM) Premium Diesel Fuel Specification for resisting diesel fuel degradation.

### *Improved Fuel Economy*

As diesel engines are used, they become less efficient over time. Fuel injector deposits interrupt spray patterns, causing poor fuel atomization, incomplete combustion, excessive emissions and smoke. Tests prove that RBP's Diesel Fuel Additive cleans dirty injectors, disperses water, lubricates injectors and improves fuel economy by up to ten percent, restoring horsepower and performance.



### *Improved Mileage and Longevity*

RBP's fuel additive is the most concentrated product on the market today and can pay for itself in two ways: mileage and longevity. If mileage is increased by 5%, RBP's additive pays for itself. In diesel motors with electronic injectors, mileage is increased by approximately 10%. Mechanical injectors may experience an approximate 5% mileage increase. Results vary depending on road and weather conditions.

Use one 16 oz bottle to treat 500 gallons of diesel fuel. Average use is 1oz of additive for every 32 gallons of fuel. To improve poor fuel mileage, add 1 bottle to 1 full bottle at first use to clean and lubricate the fuel system.

### *Minimized Soot Loading*

RBP's Diesel Fuel Additive is a powerful cleaner that cleans fuel injectors and piston rings for improved combustion and better sealing. It minimizes soot generated from incomplete combustion and helps keep soot out of the crankcase. Reduced soot loading controls soot related wear and increases engine oil viscosity.

### *Recommendations*

Use with:

- Heavy and Light Duty Trucks
- Heavy Equipment, such as Bulldozers
- On and Off Road Vehicle Engines
- Marine Engines
- RV Engines
- Big Rigs
- Trains

Recommended mix ratio is 1 oz. of additive per 32 gallons of fuel.

Use with every new tank of fuel for the best performance and protection against fuel pump wear, injector wear, injector deposits, and water or moisture damage.

Add Diesel Additive to fuel before storage.

Compatible with all types of exhaust emission systems, such as diesel particulate filters (DPFs). New engine technology, tighter tolerances and emission regulations require high-quality diesel fuel for long-term engine operability. This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and non-road engines. Stores easy in drivers door panel.

### **Health and Safety**

**DANGER: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. EYE AND SKIN IRRITANT. KEEP OUT OF REACH OF CHILDREN.** Read carefully precautions on label of RBP Diesel Fuel Additive container before use.