

POWER MIX 1000 ULSD

Multi-Functional Fuel Treatment

No. 513

DESCRIPTION:

Power Mix 1000 ULSD #513 is a multi-functional diesel fuel treatment designed to clean and maintain the cleanliness of fuel systems, increase engine efficiency and replace the natural lubricity removed from fuel during the hydro cracking process used to make Ultra Low Sulfur Diesel (ULSD). **Power Mix 500 ULSD** can be used in LSD, ULSD, 100% Biodiesel and Biodiesel blends. The continual use of this product will reduce the overall operating cost of diesel engines by providing a fuel that will minimize injector wear, injector fouling and tip erosion allowing engines to operate at peak performance and maintain optimum fuel efficiency. **Power Mix #513** exceeds the requirements set forth by both Cummins and Caterpillar for both cleanliness and anti-wear. It increases the lubricity of ULSD to meet or exceed the specification regarding lubricity in diesel established by the American Society for Testing and Materials (ASTM). *This lubricity specification comes under the ASTM D-975 Standard Specification for Diesel Fuel Oils.*

COMPOSITION:

Power Mix 1000 ULSD #513 is blended from pure mineral base oils and select additives that provide:

Detergency	Corrosion Inhibitor	Lubricity
Demulsifiers	Cetane Improvers	Stabilizers
Burn Improvers	Pour Point Improvers	

PERFORMANCE CHARACTERISTICS:

When used consistently **Power Mix 1000 ULSD #513** will provide the following benefits:

- **Increased fuel burn efficiency**
An average of 7.7% decrease in fuel consumption in over the road fleet testing. 8.2% decrease in fuel consumption in off road heavy equipment.
- **Increases power**
Cleans the fuel delivery system and the fuel injector tips and orifices, correct spray patterns are maintained, allowing the fuel to burn more efficiently.
- **Passes and exceeds the Cummins diesel fuel engine tests (L10 and N14)**
These tests are designed to provide fuels that will minimize injector fouling and erosion problems.
- **Provides the needed lubricity not found in ultra low sulfur diesel fuel**
Reduces friction, protects the fuel injector pump and minimizes the effect of metal-to-metal contact and wear in the injectors.
- **Reduces engine emissions and black smoke**
- **Removes and prevents carbon deposits in the combustion chamber**
- **Provides corrosion protection for the fuel tank, lines, pump and injectors**
- **Stabilizes fuel during storage and prevents gums, varnishes, sludge and moisture build-up**
- **Increases fuel filter life**

Power Mix Fuel Treatments have been used at some sites continuously since their introduction in 1994 and have been placed in over 200,000,000 gallons of fuel.

