

ML 876 DIESEL FUEL IMPROVER

PRODUCT INFORMATION

An ash-free multi-functional diesel fuel additive, formulated with synthetic additives that provide anticorrosive properties, detergents, dispersants and antifreeze for cleaning the fuel injectors and system. It also increases the Cetane Diesel Fuel number, providing more power to the engine as well as improving the pour point of diesel fuel; beneficial at very low ambient temperatures.

Beneficial Qualities

- Increases the Cetane number by 2 points providing improved engine performance and more power
- Prevents freezing of diesel fuel at low ambient temperatures
- Cleans and keeps the fuel injection system clean. Reduces exhaust smoke emissions
- Inhibits the corrosion of fuel tanks, fuel pipes and injection systems
- Avoids the formation of emulsions with water by rapidly separating the water from the fuel thereby reducing the formation of microbial/fungus/bacteria in the fuel
- Prevents the formation of gums from insoluble diesel fuel compounds
- Improves combustion of diesel fuel and does not alter its properties. Improves fuel economy
- Improves fuel lubricity



Typical Applications

- Diesel fuel storage tanks
- Diesel fuel tanks on trucks, buses, off-road equipment and light vehicles



- **Antifreeze Function**

The pour points vary according to the diesel fuel specification. The recommended mix ratios below are minimum values based on diesel fuel with a -12°C pour point:

ML876 Mix Ratio	Treated Diesel Fuel	Pour Point Reductions
0.1% = 100 ml (1:1,000)	100 Litres	From -12°C to -18°C
0.2% = 200 ml (1:500)	100 Litres	From -12°C to -20°C
0.3% = 300 ml (1:333)	100 Litres	From -12°C to -22°C
0.4% = 400 ml (1:250)	100 Litres	From -12°C to -25°C
0.5% = 500 ml (1:200)	100 Litres	From -12°C to -28°C

- **“Keep Clean” Function**

ML876 at 0.2% treatment rate, i.e. 200 ml per 100 litres of diesel fuel, keeps the fuel injection system in perfect, clean condition avoiding the formation of deposits that generate corrosion.

- **“Clean Up” Function**

ML876 at 0.3% treatment rate, i.e. 300 ml per 100 litres of diesel fuel, cleans the fuel injection system, removing all deposits.

Technical Details

	ASTM Test	Unit	Result
Colour			Amber
Density at 20°C		kg/L	0.82
Pour Point at 0.4% Mix Ratio (1:250)		°C	-25

Product Manufactured in Argentina under an ISO 9001 and ISO 14001 Certified Quality & Environmental Management System

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