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Product | Type

Pure Cetane

Cetane Improver
Cetane improving additive for middle distillate fuels.

Application

Recommended at 100 to 2300 ppm wt for improving the cetane number of base distillate fuels.

Recommended for use at: 100 - 2300 ppm m/m

Physical Characteristics

	Minimum	Target	Maximum
FLASH POINT, C, PMCC	65	75	
LBS PER U.S. GAL @ 15.6 C		8.04	
LBS PER IMP GAL @ 15.6 C		9.66	
SPECIFIC GRAVITY @ 15.6 C		0.965	
VISCOSITY @ 40 C, CST		1.2	

Chemical Characteristics

	Minimum % Weight	Typical	Maximum % Weight
NITROGEN	0.92	1.66	1.13

Benefits

Can be used to meet the National Conference on Weights and Measures (NCWM), Engine Manufacturer's Association (EMA) and Truck Maintenance Council (TMC) "Premium Diesel" definitions for:

- Cetane Number ASTM D613
- Opti-Lube Pure Cetane will provide the following benefits to diesel engines:**
- Easier starting at low ambient temperatures
 - Reduced misfire
 - Reduced exhaust emissions
 - Improved fuel economy and power

Opti-Lube Pure Cetane

Unloading, storage and blending instructions

General handling instructions– In general, Opti-Lube recommends, as a minimum, the use of neoprene or nitrile rubber gloves and safety glasses or chemical splash goggles. The Material Safety Data Sheet should be consulted for specific information and for information on health and safety when handling this product.

Fire and explosion hazard data

Flash Point (method)	Classification
65°C PMCC	Combustible

Temperature Recommendations

UNLOADING	Plumping Temperature	Ambient°C	°F
	Maximum Temperature*	50°C	122°F

STORAGE

Maximum Temperature for Long-Term Storage	45°C	113°F
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BLEANDING

Maximum Base Oil Temperature for Mechanical or In-Line Mixing	50°C	122°F
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EQUIPMENT RECOMMENDATIONS

Type of Pump	Centrifugal
Type of Transfer Line	Ball Launched
Transfer Line Size	2-3 inch / 5-8 cm.

HEAT SOURCE

Type	N/A
Storage Tanks	N/A

NOTES

POUR POINT	-50°C, -58°F
Low Flash Point:	Use caution when handling this material

Additional Recommendations

*Holding the material in excess of this temperature may cause chemical degradation. Use steam for heating and tracing only when the material is in motion to avoid localized overheating. Cold Temperature Storage - If product has been stored below its pour point temperature it should be heated to 21°C/70°F before using.

Effective: 5/09/2016