

ENDUROX XLE

FULL SYNTHETIC HEAVY DUTY ENGINE OIL

Description

Endurox XLE is an Ultra High Performance Diesel engine oil exclusively designed for the new generation, high performance, low emission engines used in severe on-highway applications. Endurox XLE is formulated using the highest quality base fluids that provide outstanding high temperature viscosity retention, low temperature fluidity, volatility control and fuel economy improvement. The latest low SAPS (Sulphated Ash, Phosphorus, Sulphur) additive chemistry used in Endurox XLE facilitates in maintaining the efficiency of the emission reduction systems such as Diesel Particulate Filter (DPF), which is used by some vehicle manufacturers to meet Euro IV, Euro V & Euro VI emission requirements.

Endurox XLE has exceptional thermo-oxidative stability that provides protection against high temperature deposits, sludge build-up and oil thickening and superior shear stability reduces viscosity breakdown and oil consumption. Excellent low temperature fluidity enables easy pumpability and circulation at low ambient temperatures and therefore enables wear protection at start-up. The advanced low SAPS additive technology protects after treatment devices from deposits and deterioration of catalysts. Excellent antiwear property and high temperature-high shear viscosity provide protection against engine wear & bore polishing facilitating extended engine life.

Typical Properties

SAE	10W-40	
Code	LUB002038	
Density 15 °C	kg/m3	863
Viscosity 40 °C	cSt	89.0
Viscosity 100 °C	cSt	14.0
Viscosity CCS -25 °C	cP	< 7000
Viscosity Index		145
Pour point	°C	-36
Flash point C.O.C.	°C	200
TBN	mg KOH/g	10.1
Operating Temperature	°C	-30/+150



Performance level

- API CI-4
- ACEA E6/E7
- MB 228.51
- MAN M3477
- Volvo VDS-3
- Renault VI RLD-2
- Mack EO-N
- Deutz DQC IV-10LA
- MTU Oil Category 3.1

Benefits

Endurox XLE is recommended for highly rated diesel engines meeting Euro IV, Euro V and Euro VI and earlier emission norms and running under very severe conditions like extended drain intervals and is suitable for EGR engines with or without particulate filters and for engines fitted with SCR NOx reduction systems. Endurox XLE is strongly recommended for engines fitted with particulate filters and is designed for vehicles running on low sulphur diesel fuel. (max. 50 ppm)