



## Gulf Superfleet XLE 10W-40

### Extra High Performance Diesel (XHPD) Engine Oil - Low SAPS

#### Product Description

**Gulf Superfleet XLE 10W-40** is extra high performance synthetic diesel engine oil exclusively designed for the new generation, high performance, low emission engines used in severe on-highway applications. This oil 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 this oil 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 4 and forthcoming Euro 5 emission requirements.

#### Features & Benefits

- Exceptional thermo-oxidative stability provides protection against high temperature deposits, sludge build-up and oil thickening
- 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

#### Applications

- Recommended for highly rated diesel engines meeting Euro 4 and earlier emission norms and running under very severe conditions like extended drain intervals
- Suitable for EGR engines with or without particulate filters and for engines fitted with SCR NO<sub>x</sub> reduction systems
- Strongly recommended for engines fitted with particulate filters and is designed for vehicles running on low sulphur diesel fuel (Max. 50 ppm)

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-40
ACEA E6, E4, E7		X
Deutz DQC III-05, MAN M M3271-1, MAN M 3277 CRT™		X
Has the following Approvals		
MB-Approval 228.51		X
Renault Trucks RXD		X
MAN M 3477, MTU Oil Category 3.1		X
Volvo VDS-3		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.0
Viscosity Index	D 2270	153
Flash Point, °C	D 92	226
Pour Point, °C	D 97	-33
TBN, mg KOH/g	D 2896	9.7
Density @ 15°C, Kg/l	D 1298	0.848
Sulphated Ash, wt%	D 874	0.99
Phosphorus, wt%	D 4927	0.078
Sulphur, wt%	D 4927	0.23

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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