



## **Gulf Superfleet XLE Plus 10W-40** **Extra High Performance Diesel (XHPD) Engine Oil – Low SAPS**

### **Product Description**

**Gulf Superfleet XLE Plus 10W-40** is extra high performance semi-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 most advanced additive technology and 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 IV, Euro V and Euro VI emission requirements.

### **Features & Benefits**

- Exceptional thermo-oxidative stability provides protection against high temperature deposits, sludge build-up and oil thickening thus providing the potential long oil drain capability
- Superior shear stability reduces viscosity breakdown and oil consumption
- 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
- Has very good low temperature fluidity that enables easy pumpability and circulation at low ambient temperatures and thus enabling wear protection at start-up

### **Applications**

- Recommended for highly rated diesel engines meeting Euro IV, Euro V, Euro VI 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/ultra low sulphur diesel fuel (10-50 ppm)

### **Specifications, Approvals & Typical Properties**

<b>Meets the following Specifications</b>		<b>10W-40</b>
ACEA E6, E9, E7, API CJ-4		<b>X</b>
MAN M 3477; M 3271-1		<b>X</b>
MTU Oil Category 3.1		<b>X</b>
<b>Has the following Approvals</b>		
Volvo VDS-4, Mack EO-O Premium Plus, Renault RLD-3, Deutz DQC IV-10 LA		<b>X</b>
MB 228.51, MB 228.31		
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Viscosity @ 100 °C, cSt	D 445	13.5
Viscosity Index	D 2270	150
Flash Point, °C	D 92	226
Pour Point, °C	D 97	-39
TBN, mg KOH/g	D 2896	10.0
Density @ 15°C, Kg/l	D 1298	0.863
Sulphated Ash, wt%	D 874	1.0

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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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