



## Gulf Superfleet Synth ULE

### *Synthetic Ultra High Performance Diesel Engine Oil*

#### Product Description

**Gulf Superfleet Synth ULE** is synthetic ultra high performance diesel engine oil exclusively designed for the new generation, high performance, low emission engines. This oil is formulated using the most advanced additive technology and synthetic base fluids to provide potential fuel economy benefits, outstanding high temperature viscosity retention, low temperature fluidity, cleaner engines and volatility control. 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 to meet Euro 6 emission requirements.

#### Features & Benefits

- The latest state of the art additive technology provides exceptional thermo-oxidative stability for protecting engine components against high temperature deposits, sludge build-up and oil thickening.
- The most advanced low SAPS additive technology protects after treatment devices from deposits and deterioration of catalysts
- Superior shear stability reduces viscosity breakdown and oil consumption
- Excellent low temperature fluidity enables easy pumpability and circulation at low ambient temperatures and provides wear protection at start-up
- 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 latest generation low emission vehicles meeting Euro 6, Euro 5 and earlier emission norms.
- 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)
- Specially recommended for MAN trucks requiring MAN M 3677 quality oils.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-30
ACEA E6, E7, E9; Cummins CES 20081; DDC 93K218; CAT ECF-3; JASO DH-2		X
Has the following Approvals		
API CJ-4/SN		X
MAN M 3677, M 3477, M 3271-1; MB-Approval 228.51, MB-Approval 228.31		X
Deutz DQC IV-10 LA; MTU Oil Category 3.1		X
Volvo VDS-4; Mack EO-O Premium Plus; Renault VI RLD-3 compliance		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	11.4
Viscosity Index	D 2270	160
Flash Point, °C	D 92	228
Pour Point, °C	D 97	-33
TBN, mg KOH/g	D 2896	10.0
Density @ 15°C, Kg/l	D 1298	0.85
Sulphated Ash, wt%	D 874	0.99
Phosphorus, wt%	D 4927	0.079
Sulphur, wt%	D 4927	0.28

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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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