



# Gulf Superfleet Universal

## Synthetic Premium Heavy Duty Engine Oil

### Product Description

**Gulf Superfleet Universal** is a “low SAPS” synthetic premium heavy duty diesel and gas engine oil specially developed for Euro VI engines equipped with after treatment systems such as Diesel Particulate filter (DPF). This oil is formulated using the most advanced additive technology and synthetic base fluids to provide 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 (DPF). This oil is designed by keeping in view the wide range of ACEA specifications (ACEA E6/E4/E9/E7), API CJ-4 and various OEM requirements for use in a fleet having different makes of engines with and without DPF requiring extended drain oils. This oil is available in SAE 5W-30 and SAE 10W-40 viscometrics.

### Features & Benefits

- The latest additive technology having excellent detergent, anti-oxidant and anti-corrosion properties helps in reaching extended oil drain intervals and reducing maintenance cost
- The advanced low SAPS additive technology protects after treatment devices from deposits and prevents clogging of DPF
- The exceptional detergent, dispersant and anti-wear properties keep engine clean and protects engine parts
- Excellent piston cleanliness performance provides protection against bore polishing & cylinder wear
- High TBN level prevents corrosive wear of engine parts by neutralizing acids
- Superior shear stability helps in maintaining viscosity even at higher loads and controls oil consumption
- Excellent bio-fuel compatibility

### Applications

- Recommended for highly rated latest generation vehicles meeting Euro VI, Euro V and earlier emission norms
- Suitable for engines with & without after treatment systems such as DPF and suitable for gas engines requiring ACEA E6 quality oils
- SAE 5W-30 is recommended for engines requiring oils meeting Scania LDF-4 specification
- Recommended for fleet consisting of different makes of engines and thus minimizing the inventory

### Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-30	10W-40
ACEA E6/E9/E4/E7, API CJ-4, Deutz DQC IV-10 LA, CAT ECF-3		X	X
MB 228.51, MB 228.31, DFS 93K218, CES 20081, MAN M 3575, M 3477, M 3271-1		X	
MB 235.28, Scania LA, Voith Class B, JASO DH-2, DFS 93K218			X
MAN M 3477, M 3575, M 3271-1, Cummins CES 20081			X
Has the following Approvals			
Scania LDF-4		X	
Volvo VDS-4/ Mack EO-O PP/ Renault VI RLD-3 approval, MTU Oil Category 3.1		X	X
MAN Standard M 3677, M 3691		X	
MB-Approval 228.51			X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	12.2	14.0
Viscosity Index	D 2270	167	155
Flash Point, °C	D 92	228	236
Pour Point, °C	D 97	-30	-30
TBN, mg KOH/g	D 2896	12.8	13.0
Density @ 15°C, Kg/l	D 1298	0.858	0.877
Sulphated Ash, wt%	D 874	0.95	0.95

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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