



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 228.31, DDC 93K218, CES 20081	X	
MB 235.28, Scania LA, Voith Class B JASO DH-2		X
Has the following Approvals		
Scania LDF-4, MB-Approval 228.51,	X	
Volvo VDS-4, Mack EO-O Premium Plus, Renault VI RLD-3, MTU Oil Category 3.1	X	X
MAN M 3575/ M 3677/ M 3477/ M 3271-1/ M 3691	X	
MAN M3477, M3575, M3271-1, MB-Approval 228.51, DDC DFS93K218		X
This product meets Cummins® Eng. Std. CES 20081		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 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.

Gulf Oil International

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