



# Gulf Superfleet Professional+ Long Drain

## Synthetic Technology for Heavy Duty Diesel Engines

### Product Description

**Gulf Superfleet Professional+ Long Drain 10W-40** is an 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 NOx 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

Meets the following Specifications		10W-40
ACEA E6, E7, E8, E9, E11, API CK-4, DTFR 15C110/15C120/15C100 (MB 228.51/228.52/228.31)		X
JASO DH-2, Cummins CES 20086, MAN M3775		X
MTU Oil Category 3.1, Cat ECF-3, IVECO 18-1804 TLS E6		X
DEUTZ DQC IV-18 LA, DAF Extended Drain, DDC 93K222		X
Has the following Approvals		
Volvo VDS-4.5, Mack EO-S 4.5, Renault VI RLD-3 approval		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.9
Viscosity Index	D 2270	154
Flash Point, °C	D 92	232
Pour Point, °C	D 97	-39
TBN, mg KOH/g	D 2896	10
Density @ 15°C, Kg/l	D 1298	0.867
Sulphated Ash, wt%	D 874	0.97

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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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