



# Gulf Superfleet Professional + Long Drain

## *Synthetic Technology for Heavy Duty Diesel Engines*

### Product Description

**Gulf Superfleet Professional + Long Drain** is a synthetic technology for heavy duty diesel engines, exclusively designed for the new generation, high performance, low emission engines used in severe on-highway applications. The advanced formulation with Tri-guard technology helps engines to fight against wear, and deposit build-up, and neutralises harmful acidic combustion byproducts preventing corrosion. Thus, it maximizes oil drain interval, and reduce maintenance cost and Total Cost of Ownership to today's modern fleet. 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

- Excellent deposit, wear & corrosion protection provides extended drain interval
- Excellent antiwear technology provides exceptional wear protection facilitating extended engine life
- Excellent thermo-oxidative stability facilitates extended drain intervals & engine life
- Superior low temperature fluidity aids cold start and protects against wear at start-up
- Advance low SAPS additive technology protects after treatment devices
- Superior shear stability reduces viscosity breakdown and oil consumption

### 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 E7/ E8/ E11, API CK-4		X
Daimler 15C120 / Daimler 15C100, CES 20086		X
MAN M 3775, MTU Oil Category 3.1, DEUTZ DQC IV-18 LA		X
DDC 93K222, CAT ECF-3, IVECO 18-1804 TLS E9, DAF Extended Drains		X
Has the following Approvals		
Daimler Truck Fluid Release 15C110		X
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	9.8
Density @ 15°C, Kg/l	D 1298	0.8674
Sulphated Ash, wt%	D 874	0.97
Phosphorus, wt%	D 4047/ICP	0.078
Sulphur, wt%	D 129/ICP	0.24

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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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