



## Gulf Superfleet Commercial Vehicle Engine Oil

### Product Description

**Gulf Superfleet** series are high performance diesel engine oils for use in turbocharged and naturally aspirated diesel engines operating under severe conditions. It is formulated from high quality base stocks and proven performance additives to provide excellent performance and engine protection under all types of operating conditions. The product meets the performance requirements of a wide range of diesel engines used in variety of applications.

### Features & Benefits

- Improved thermo-oxidative stability controls sludge build-up and deposits
- Better detergency reduces deposits and keeps engines cleaner
- Good dispersancy helps in controlling soot related oil thickening and wear
- Effective anti wear properties protect critical engine parts
- Stay in grade shear stability leads to reduced oil consumption and wear

### Applications

- Turbocharged and naturally aspirated diesel engines of all major global engine manufacturers meeting Euro 1 emission norms
- On-highway light and heavy duty trucking including high speed-high load service and short haul pick-up/delivery van
- Heavy duty diesel engines used in mining, construction, agriculture and other off-highway applications

### Specifications, Approvals & Typical Properties

Meets the following Specifications		15W-40	40
API CF-4, CF, CE, SG,		X	
ACEA E2 quality level		X	
Mack EO-K/2		X	
MAN M 271		X	X
Daimler MB 228.0			X
Daimler MB 228.1		X	
Allison C-4		X	
Has the following Approvals			
MTU Oil Category 1		X	X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity at 100 °C, cSt	D 445	14.50	13.5
Viscosity Index	D 2270	135	100
Flash Point, °C	D 92	215	244
Pour Point, °C	D 97	-27	-24
TBN, mg KOH/g	D 2896	10.0	8.0
Density @ 15°C, Kg/l	D 1298	0.898	0.903
Sulphated Ash, wt%	D 874	1.30	1.04

June 2015

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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