



# Gulf Supreme Duty FE

## Premium Heavy Duty Diesel Engine Oil for Fuel Economy

### Product Description

**Gulf Supreme Duty FE** is premium semi synthetic heavy duty diesel engine oil for fuel economy. It is specially formulated for the latest selected 2017 model engines to meet Green House Gases emission standards. It is formulated with state-of-the-art additive technology and severely hydro-cracked base stocks to provide excellent performance in terms of protection against oil oxidation, viscosity loss due to shear, oil aeration and enhanced fuel economy benefits besides providing the overall protection of advanced after treatment devices with a potential to offer extended drain intervals. It meets the latest performance requirements of API FA-4 service category.

### Features & Benefits

- With its specially selected technology it has potential to provide fuel economy benefits as compared to conventional SAE 15W-40 oils
- Outstanding thermal and oxidative stability reduces low-temperature sludge build-up, high-temperature deposits and oil thickening
- Excellent soot handling capability minimises soot related viscosity increase and leads to longer engine/oil life
- Superior shear stability maintains viscosity in severe service conditions and leads to improved wear protection
- Exceptional TBN retention resists harmful effects of corrosive exhaust gases and extends oil life
- Low ash formulation reduces deposit built up and helps in enhancing life of Diesel Particulate Filter (DPF)

### Applications

- Latest On-highway vehicles using 2017 model engines operating in severe conditions using ultra low sulphur (15 ppm) fuels where API FA-4 quality oils are recommended

Note: This oil not suitable for diesel engines where engine manufacturers recommend API CJ-4 & lower Engine oils.

### Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-30
Cummins CES 20087, DDC DFS 93K223		X
Has the following Approvals		
API FA-4		X
Typical Properties		
Test Parameters	ASTM Method	Typical Properties
Viscosity @ 100 °C, cSt	D 445	10.1
Viscosity Index	D 2270	139
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-33
Density @ 15°C, Kg/l	D 1298	0.887
Phosphorus, %wt	D 4927	0.11
Sulphated Ash, %wt	D 874	1.0

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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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