



Gulf Super Duty

Advanced Heavy Duty Diesel Engine Oil

Product Description

Gulf Super Duty is an advanced heavy-duty diesel engine oil for use in ultra-low-emission engines meeting the latest US and European emission standards. It meets the performance requirements of API CK-4 service category and the requirements of various North American On-highway & Off-highway diesel truck OEMs. It helps minimize soot build-up, offers enhanced wear & deposit protection, and extended oil drain interval potential, ensuring reliable engine operation and Total Cost of Ownership (TCO). This oil helps protect exhaust after-treatment devices. It is backwards compatible with previous generation heavy duty diesel engine oils.

Features & Benefits

- Excellent soot handling capability minimizes soot-related viscosity increase and leads to longer engine/oil life
- Outstanding thermal and oxidative stability reduces low-temperature sludge build-up, high-temperature deposits and oil thickening
- 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 content reduces particulate build-up in Diesel Particulate Filter (DPF) and enhances its life

Application

- Latest high-performance low-emission heavy-duty diesel engines including those equipped with DPF and Exhaust Gas Recirculation (EGR) and meeting the latest US and European emission standards
- On-highway vehicles and off-highway equipment operating in severe low speed/heavy load conditions using either low (500 ppm) or ultra-low (15 ppm) sulfur fuels
- Suitable for the use in engine models requiring API CK-4 and below quality oils such as API CJ-4, API CI-4 PLUS & API CI-4

Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-30	15W-40
Cummins CES 20086		X	X
Mack EOS-4.5, Volvo VDS-4.5, Renault Trucks RLD-3		X	X
Caterpillar ECF-3		X	X
Detroit Diesel DDC DFS 93K222		X	X
Has the following Approvals			
API CK-4, CI-4 Plus		X	X
API SN			X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity@ 100 °C, cSt	D 445	12.1	15.5
Viscosity Index	D 2270	144	141
Flash Point, °C	D 92	237	226
Pour Point, °C	D 97	-36	-28
Density@ 15°C, Kg/l	D 1298	0.8660	0.8711
Sulphated Ash, %wt	D 874	1.0	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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