



GULF SUPER DUTY EXTRA PLUS M.O.

Product Description

Gulf Super Duty Extra plus M.O. is multi-grade oil that exceeds the highest quality required by today's Diesel Engine. Its high technology is directed towards the attention of modern engines where high mechanical and environment demand exist, also extending oil drain intervals. The product has been specifically developed to meet stringent requirements of major global engine manufacturers.

Features & Benefits

- Maintains control over thinning of the lubrication film on the cylinders where you find High temperatures.
- Outstanding thermal and oxidative stability reduces low-temperature sludge build-up, high-temperature deposits and oil thickening.
- Control Rust formation and protects against corrosion.
- Excellent soot handling capability minimizes soot related viscosity increase and leads to longer engine/oil life
- Reduces Cool Start wear and a Superior shear stability maintains viscosity in severe high-temperature service.
- Exceptional TBN retention resists harmful effects of corrosive exhaust gases and extends oil life.

Applications

- On-highway light and heavy duty trucking including high speed-high load service and short haul pick-up/delivery Van.
- Heavy Duty Diesel Engine in mining, construction, agriculture and other off-highway applications, where continuous halting & Running operation is required.
- High performance gasoline engines and mixed fleet operations requiring oils meeting API CI-4, CH-4, SL.



Specifications, Approvals & Typical Properties

Meets the following Specifications		15W-40
API CI-4, CH-4,CG-4,CF-4,CF,SL,SJ; ACEA E7/A3/B4;MB 228.3,MB 229.1;MAN 3275 ;VOLVO VDS-3;MTU 2.0;Mack EO-M PLUS; CUMMINS CES ,20078,20076,20071		X
CATERPILLAR ECF-1a; Renault RLD-2;Detroid Diesel 93K215;Deutz DQC-III-05; JASO DHD-1		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.73
Viscosity Index	D 2270	123
Flash Point, °c	D 92	232
Pour Point, °C	D 97	-18
TBN, mg KOH/g	D 2896	10.2
Density @ 15°C, Kg/l	D 1298	0.88
Sulphated Ash, %wt	D 874	1.33
Phosphorus, %wt	D 4927	0.113

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

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.