



PRODUCT DATA SHEET

GulfSea Excel MX

Commercial Vehicle Engine Oil

Product Description

GulfSea Excel MX is high performance diesel engine oil 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.

Typical Properties

GulfSea Excel MX 15W-40		
Meets the following Specifications		
API CF-4, CF, CE, SG, ACEA E2		
Mack EO-K/2, MAN M271, Daimler MB 228.1		
Allison C-4, MTU Oil Category 1		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.5
Viscosity Index	D 2270	135
Flash Point, °C	D 92	215
Pour Point, °C	D 97	-27
BN, mg KOH/g	D 2896	9.8
Density @ 15 °C, Kg/l	D 1298	0.898
Sulphated Ash, wt%	D 874	1.3

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Due to continual product research and development, the information contain herein is subject to change without notification.
Typical Properties may vary slightly