



PRODUCT DATA SHEET

GulfSea Power MX Plus

Superior Quality Marine Engine Oil

Product Description

GulfSea Power MX Plus 15W-40 is superior quality marine diesel engine oils specially developed for low emission, heavy duty engines. These are formulated with advanced additive technology and high purity base oils to provide outstanding performance and overall protection. It meets the performance requirements of API CK-4 service categories and other major global OEMs like Volvo, Mack, Cummins, etc. It is also backward compatible for the use in older engines requiring API CJ 4 and below quality oils.

Features & Benefits

- Excellent soot handling capability minimizes soot related oil thickening and extends an engine/oil life.
- Outstanding shear stability maintains viscosity in severe high-temperature service and leads to improved wear protection.
- Exceptional TBN retention protects against exhaust gas corrosion and extends oil life.
- Enhanced thermal and oxidative stability reduces low-temperature sludge build-up, high temperature deposits and oil thickening.
- Low ash content reduces particulate build-up in Diesel Particulate Filter (DPF) and enhances its life.

Applications

- Latest high performance low emission engines including those equipped with DPF and Exhaust Gas Recirculation (EGR) and meeting US 2007 on-highway exhaust emission standards.
- Rescue boats and lifeboats operating in severe high speed/heavy load conditions using either low (500 ppm) or ultra-low (15 ppm) sulphur diesel (ULSD).
- Suitable for the use in engine models requiring API CK-4 and below quality oils

Typical Properties

GulfSea Power MX Plus 15W-40		
Meets the following specifications		
API CK-4		
ACEA E7/E11		
Volvo VDS-4.5/ Mack EOS-4.5/ Renault VI RLD-3 approval		
Caterpillar ECF-3, Detroit Diesel DDC DFS 93K222, Cummins CES 20086		
MTU Type 2.1, Deutz DQC III-10LA, Ford WSS-M2C171-F1		
Daimler Truck Fluid Release 15C100		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	15.6
Viscosity Index	D 2270	133
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-30
Density @ 15 °C, Kg/l	D 1298	0.862
Sulphated Ash, wt%	D 874	0.96

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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

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