



# 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 CJ-4/SN service categories and other major global OEMs like Volvo, Mack, Cummins, etc.

### Features & Benefits

- Excellent soot dispersancy minimises soot related oil thickening and extend 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).
- High performance gasoline engines and mixed fleet operations requiring oils meeting API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, SN, SM and SL performance levels.

### Typical Properties

GulfSea Power MX Plus 15W-40		
Meets the following Specifications		
API CJ-4/SN,		
ACEA E9/E7,		
MTU Type 2.1, Caterpillar ECF-3/ECF-2/ECF-1A, Cummins CES 20081,		
MAN M3575, Volvo VDS-4,		
DTFR 15C100 (MB 228.31),		
Mack EO-O Premium Plus, Detroit Diesel 93K218		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	15.2
Viscosity Index	D 2270	135
Flash Point, °C	D 92	228
Pour Point, °C	D 97	-42
BN, mg KOH/g	D 2896	9.0
Density @ 15 °C, Kg/l	D 1298	0.877
Sulphated Ash, wt%	D 874	0.99

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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