



# MARINE MGEO SP 15W-40

## Product Description:

**MARINE MGEO SP 15W-40** is an extra high performance universal marine engine oil recommended for turbo charged and naturally aspirated diesel engines such as used on board ships and can also be used in marine transmissions requiring an oil with Allison C-4 specifications.

**MARINE MGEO SP 15W-40** is formulated with high refined solvent mineral stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

**MARINE MGEO SP 15W-40** exceeds the following performance criteria:

**MB 228.3**  
**DDC 93K215**  
**MTU Type 2**  
**Cummins CES 2077/20078**

**VOLVO VDS-3**  
**Global DHD-1**  
**CAT ECF-2**

**API CI-4/ SL**  
**JASO DH-1**  
**CAT ECF-1A**

**ACEA E7**  
**Deutz DQC-III**  
**MAN M 3275**



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	15W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	876
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	99.2
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	13.9
Viscosity Index		ASTM D2270	143
Viscosity CCS @-20°C	cP	ASTM D2270	5048
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-37
Total Base Number	mg KOH/g	ASTM D2896	11.4
Sulphated Ash	%Wt	ASTM D874	1.5

**Product Nr:** 44780  
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**Revision nr:** 04