



Product Data Sheet:

MARINE MGEO SP 15W-40

Product Description:

MARINE MGEO SP 15W-40 is a mineral based marine engine oil providing good performance in high output , high speed, turbo charged engines operating under severe conditions.

MARINE MGEO SP 15W-40 has been formulated with carefully selected additives in mineral base stocks, to provide excellent detergency, dispersancy and anti wear performance.

MARINE MGEO SP 15W-40 has excellent thermo-oxidative stability, controlling deposits and viscosity increase. Excellent soot handling controls soot induced oil thickening and effectively prevents wear.

MARINE MGEO SP 15W-40 reduces piston deposits, protects against “Bore Polishing”, reduces oil consumption and allows extended drain intervals.

MARINE MGEO SP 15W-40 is 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.

Exceeds the specifications of:

API CI-4/CF, ACEA E7, MB 228.3, MTU Type 2, MAN M 3275, Volvo VDS-3
Cummins 20076/20077/20078, Deutz DQC-III, Caterpillar ECF-1a, Allison C4(level)

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	15W-40
Density @ 15°C	ASTM D4052	881 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	106 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.3 mm ² /s
Cranking Viscosity @ 20°C	ASTM D5293	<7000 mPa.s
Viscosity Index	ASTM D2270	140
Flash Point (COC)	ASTM D92	>215°C
Pour Point	ASTM D97	<-24°C
Total Base Number (TBN)	ASTM D2896	10.5 mgKOH/g
Sulphated Ash	ASTM D874	1.52 wt %

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