



Marine Oil MGHP 15W-40

Product Code: 77480

Marine Diesel Engine Oil

Marine Oil MGHP 15W-40 is an extra high performance universal engine oil designed for modern turbocharged and naturally aspirated marine diesel engines operating on distillate diesel fuel. Suitable for use in engines equipped with EGR and/or SCR. This product is not suitable for engines equipped with DPF filters.

Marine Oil MGHP 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 Oil MGHP 15W-40 meets the following performance criteria:

API CI-4	API SL/CF	ACEA E7	Global DHD-1
MB 228.3	Volvo VDS-3	Mack EO-N	DDC 93K215
MAN M 3275	CAT ECF-2	CAT ECF-1a	Deutz DQC-III
MTU Type 2	JASO DH-1	Cummins CES 20077/20078	

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	15W-40
Density @15°C	kg/m ³	ASTM D4052	874
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	96
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	13.9
Viscosity Index		ASTM D2270	146
Viscosity CCS @-20°	cP	ASTM D5293	4700
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	11.5
Sulphated Ash	%Wt	ASTM D874	1.5

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