

Product information

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Marine 4T Motor Oil SAE 15W-40

Description

High-performance motor oil based on selected base oils and modern additive technology, developed specially for the maritime requirements. Even in extreme conditions guarantees optimum lubrication and reliable protection against wear. The high proportion of corrosion inhibitor guarantees protection against rust and corrosion.

Properties

- high wear resistance
- tested for turbochargers and catalytic converters
- low evaporation loss
- high shear stability
- can be used in gasoline and diesel engines with and without turbocharger

Specifications and approvals:

ACEA A3 • ACEA B4 • ACEA E7 • API CI-4 • API SL • MAN M 3275-1 • MTU Typ 2 • Volvo VDS-3

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

Caterpillar ECF-1-a • Caterpillar ECF-2 • Cummins CES 20076 • Cummins CES 20077 • Cummins CES 20078 • Deutz DQC III-10

Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 59 °F	0,880 g/cm ³ DIN 51757
Viscosity at 104 °F	100 mm ² /s ASTM D 7042-04
Viscosity at 212°F	14,4 mm ² /s ASTM D 7042-04
Viscosity at -13 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -4 °F (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	148 DIN ISO 2909
HTHS at 302 °F	>= 3,7 mPas ASTM D5481
Pour point	-22 °F DIN ISO 3016
Evaporation loss (Noack)	11,7 % CEC-L-40-A-93



Technical data

Flash point	446 °F DIN ISO 2592
Total base number	10,5 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 4,5 DIN ISO 2049

Areas of application

All-season oil for gasoline and diesel marine engines. Can be mixed with all commercially available motor oils.

Application

The operating instructions issued by the manufacturer of the engine or unit must be followed.

Our information is based on thorough research and may be considered reliable, although not legally binding.