

Marine 4T Motor Oil SAE 10W-40

Description

Fully synthetic, high-performance low-friction motor oil with the latest additive technology. Ensures outstanding wear protection and engine cleanliness. Optimum protection of engine components due to high content of corrosion protection additives. Specially developed for the maritime sector. Meets leading engine manufacturers' requirements. Tested for use with catalytic converters and turbochargers.

Properties

- high wear resistance
- high engine cleanliness
- rapid oil penetration
- outstanding corrosion protection
- reliable cold start
- tested for turbochargers and catalytic converters
- can be used in gasoline and diesel engines with and without turbocharger

Specifications and approvals:

ACEA A3 • ACEA B4 • ACEA E7 • API SL • API CI-4 • Mack EO-N • Renault Trucks RLD-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 20071 • Cummins CES 20072 • Cummins CES 20076 • Cummins CES 20077 • Cummins CES 20078 • Deutz DQC III-10 • MAN M 3275-1 • MTU Typ 2

Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 59 °F	0,865 g/cm ³ DIN 51757
Viscosity at 104 °F	95,0 mm ² /s ASTM D 7042-04
Viscosity at 212°F	14,5 mm ² /s ASTM D 7042-04
Viscosity at -22 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -13 °F (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	160 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481



Technical data

Pour point	-33 °F DIN ISO 3016
Evaporation loss (Noack)	12,7 % CEC-L-40-A-93
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)	L4,0 DIN ISO 2049

Areas of application

For gasoline and diesel engines in the marine sector. Particularly suitable for marine engines operating under extreme demands. Specifically formulated for Volvo Penta engines.

Application

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

Available pack sizes

1 l Canister plastic	20506 USA AND CANADA (-EN-F-)
4 l Canister plastic	20508 USA AND CANADA (-EN-F-)

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