

Marine 4T Motor Oil SAE 15W-40 New Generation



Description

Low-SAPS, premium class motor oil, developed specifically to meet the high demands of modern Marine diesel engines. The innovative additive technology guarantees best wear protection, outstanding corrosion protection and engine cleanliness, lowest oil consumption and highest engine efficiency. Ideal also for engines with diesel particulate filters (DPF) and turbochargers.

Properties

- excellent wear protection
- ideal with turbochargers and catalytic converters
- use with diesel particulate filters
- ensures a long service life
- low sulfate ash, phosphorous and sulfur content (low SAPS)
- outstanding detergent and dispersant properties
- outstanding resistance to oxidation

Specifications / Approvals

ACEA E9 • API CK-4 • API SN • Cummins CES 20086 • Detroit Diesel DFS 93K222 • Mack EOS-4.5 • Renault Trucks RLD-3 • Volvo VDS-4.5

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

ACEA E7 • Caterpillar ECF-3 • Deutz DQC III-10 LA • JASO DH-2 • MAN M 3575 • MTU Typ 2.1

Technical data

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|---------------------------|--|
| SAE class (engine oils) | 15W-40 SAE J300 |
| Density at 59 °F | 0,875 g/cm ³ DIN 51757 |
| Viscosity at 104 °F | 110,0 mm ² /s ASTM D7042 |
| Viscosity at 212 °F | 14,7 mm ² /s ASTM D7042 |
| Viscosity at -13 °F (MRV) | < 60000 mPas ASTM D4684 |
| Viscosity at -4 °F (CCS) | <= 7000 mPas ASTM D5293 |
| Viscosity index | 135 DIN ISO 2909 |
| HTHS at 302 °F | >= 3,5 mPas ASTM D5481 |
| Pour point | -27 °F DIN ISO 3016 |

Technical data

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|--------------------------|------------------------------|
| Evaporation loss (Noack) | 10,0 % CEC-L-40-A-93 |
| Flash point | 446 °F DIN ISO 2592 |
| Total base number | 9,7 mg KOH/g DIN ISO 3771 |
| Sulfate ash | <= 1,0 g/100g DIN 51575 |
| Color number (ASTM) | L 3,0 DIN ISO 2049 |

Areas of application

For Marine diesel engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters, diesel particulate filters (DPF) and turbochargers.

Application

Observe the manufacturers instructions!

Available pack sizes

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|--------------------------|------------------------------|
| 4 l Canister plastic | 22520 USA-AND-CANADA-EN-F |
| 20 l Canister plastic | 22522 USA-AND-CANADA-EN-F |
| 205 l Black plate barrel | 22523 USA-AND-CANADA-EN-F |

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