

# Product information

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## Marine 4T Motor Oil 10W-30

### Description

High-performance low-friction motor oil based on synthetic technology. Provides increased corrosion and wear protection as well as quick oil penetration of the engine and turbocharger with additives specially adapted to maritime use. Exceeds leading engine manufacturers' requirements. Fulfills warranty cover provided by manufacturers who require NMMA FC-W Catalyst Compatible® approval.

### Properties

- tested for the use with catalytic converters
- rapid oil penetration
- excellent wear resistance
- outstanding corrosion protection
- optimum stability to aging
- excellent cold-start behavior

### Specifications and approvals:

API SM • NMMA FC-W Catalyst Compatible®

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

Honda Marine • Mercury Marine • NMMA FC-W • Selva • Suzuki Marine • Tohatsu • Volvo Penta • Yamaha

### Technical data

SAE class (engine oils)	10W-30 SAE J300
Density at 15 °C	0,860 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	71,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	11,3 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -25°C (CCS)	<= 7000 mPas ASTM D 5293
Viscosity at -30°C (MRV)	< 60000 mPas ASTM D 4684
Viscosity index	150 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D 5481
Pour point	-36 °C DIN ISO 3016
Evaporation loss (Noack)	12,5 % CEC-L-40-A-93



### Technical data

Flash point	220 °C DIN ISO 2592
Total base number	7 mg KOH/g DIN ISO 3771
Sulfate ash	1 g/100g DIN 51575
Color number (ASTM)	L 2,0 DIN ISO 2049

### Areas of application

For all gasoline-driven inboard and outboard engines.

### Application

The specifications and instructions from the assembly or boat manufacturer must be followed. Optimum effectiveness is only possible when the product is used unmixed.

### Available pack sizes

1 l Canister plastic	25022 D-BOOKLET
5 l Canister plastic	25023 D-BOOKLET
20 l Canister plastic	25024 D-GB
60 l Drum sheet metal	25025 D-GB
205 l Drum sheet metal	25074 D-GB

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