

Product information

Marine 4T Motor Oil 10W-30

PI 21/22/01/2020



Description

High-performance low-friction motor oil based on synthetic technology with specially formulated marine additives for increased protection against corrosion and better protection properties. Provides fast penetration of the oil to the engine and turbocharger. With optimum wear protection. Exceeds leading engine manufacturers' requirements. Fulfils warranty cover provided by manufacturers who require NMMA FC-W® approval.



Properties

- rapid oil penetration
- excellent wear resistance
- outstanding corrosion protection
- optimum stability to aging
- excellent cold-start behavior

Specifications and approvals:

API SL • NMMA FC-W®

Technical data

SAE class (engine oils)	10W-30 SAE J300
Density at 15 °C	0,860 g/cm³ DIN 51757
Viscosity at 40 °C	72,0 mm²/s ASTM D 7042-04
Viscosity at 100 °C	11,2 mm²/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	147 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D 5481
Pour point	-33 °C DIN ISO 3016
Evaporation loss (Noack)	12,5 % CEC-L-40-A-93
Flash point	226 °C DIN ISO 2592
Total base number	7 mg KOH/g DIN ISO 3771
Sulfate ash	1 g/100g DIN 51575

Technical data

Color number (ASTM) L 2,0
DIN ISO 2049

Areas of application

For inboard and outboard engines.

Application

The specifications and instructions from the assembly or vehicle manufacturer must be followed!

Available pack sizes

1 l Canister plastic	25022 BOOKLET
5 l Canister plastic	25023 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.