



RAVENOL Outboardoel 4T SAE 10W-40



VISCOSITY 10W-40

SPECIFICATIONS API SM (EC) | NMMA FC-W, NMMA FC-W (CAT)

FABRICATION SEMI-SYNTHETIC

APPROVALS NATIONAL MARINE MANUFACTURERS ASSOCIATION
NMMA FC-W (CAT)® FC-11298X

RECOMMENDATIONS API SM | HONDA | JOHNSON/EVINRUDE |
MERCURY VERADO | SUZUKI | TOHATSU/NISSAN | YAMAHA

ART.-NR. 1153204

1 L | 1153204-001
4 L | 1153204-004
10 L | 1153204-010
20 L | 1153204-020
20 L | 1153204-B20
1000 L | 1153204-700

RAVENOL Outboardoel 4T SAE 10W-40 is a semi-synthetic engine oil with a special formulation for 4-stroke outboard engines with injection according to NMMA FC-W and NMMA FC-W (CAT).

RAVENOL Outboardoel 4T SAE 10W-40 offers perfect lubrication and wear protection through special low-ash additives and excellent corrosion protection.

RAVENOL Outboardoel 4T SAE 10W-40 is blue colored high performance 4-stroke motor oil.

RAVENOL Outboardoel 4T SAE 10W-40 is released and thus meets the requirements of the National Marine Manufacturers Association NMMA FC-W (CAT) for use in engines with catalyts.

Application Notes

RAVENOL Outboardoel 4T SAE 10W-40 can be used in all outboard motors according to the engine manufacturer's specifications, for which oil is recommended according to FC-W and FC-W (CAT).

RAVENOL Outboardoel 4T SAE 10W-40 can also be used for engines operating in seawater.

RAVENOL Outboardoel 4T SAE 10W-40 is particularly suitable for the lubrication of 4-stroke outboard engines subject to high speeds and the heaviest loads.

Follow the engine manufacturer's recommendations.

Characteristics

RAVENOL Outboardoel 4T SAE 10W-40 offers:

- Perfect lubrication of all engine parts
- A strong cleaning effect and a residue-free combustion without deposits
- Good cold start properties
- A very high-wear, oxidation and corrosion protection
- Excellent shear stability
- Corrosion protection in all oil-wetted engine parts



- An adhesive, pressure-and temperature-resistant oil film
- Suitable for Catalysts

Property	Unit	Data	Audit
Density at 20°C	kg/m ³	854,0	EN ISO 12185
Colour		blau	-
Viscosity at 100°C	mm ² /s	13,4	DIN 51 562
Viscosity at 40°C	mm ² /s	87,5	DIN 51 562
Viscosity index VI		155	DIN ISO 2909
Pourpoint	°C	-36	
Flash point (COC)	°C	228	DIN ISO 2592
TBN	mg KOH/g	7,2	ASTM D2896

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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