

-Certificate / Product Information -

RAVENOL Outboardoel 4T SAE 10W-30

Art. 1153203

SEMI SYNTHETIC

OUTBOARD

Description:

RAVENOL Outboardoel 4T SAE 10W-30 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-30 offers perfect lubrication and wear protection through special low-ash additives and excellent corrosion protection.

RAVENOL Outboardoel 4T SAE 10W-30 is blue colored high performance 4-stroke motor oil.

RAVENOL Outboardoel 4T SAE 10W-30 is released and thus meets the requirements of the National Marine Manufacturers Association NMMA FC-W (CAT) for use in engines with catalysts.

Application Directions:

RAVENOL Outboardoel 4T SAE 10W-30 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-30 can also be used for engines operating in seawater.

RAVENOL Outboardoel 4T SAE 10W-30 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.

Quality Classification:

RAVENOL Outboardoel 4T SAE 10W-30 is approved, tried and tested for aggregates specifying:

Specification: API SM, NMMA FC-W, NMMA FC-W (CAT)

Approval: National Marine Manufacturers Association NMMA FC-W (CAT)® FC-51534X

Recommendations: Honda, Johnson/Evinrude, Mercury Verado, Suzuki, Tohatsu/Nissan, Yamaha

Technical Characteristics:

RAVENOL Outboardoel 4T SAE 10W-30 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

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m ³	854,0	EN ISO 12185
Colour		blue	visual
Viscosity at 100°C	mm ² /s	12,1	DIN 51562-1
Viscosity at 40°C	mm ² /s	80,2	DIN 51562-1
Viscosity Index VI		146	DIN ISO 2909
Pourpoint	°C	-36	DIN ISO 3016
Flashpoint	°C	250	DIN ISO 2592
TBN	mg KOH/g	7,5	ASTM D2896

All indicated data are approximate values and are subject to the commercial fluctuations.