



# RAVENOL Outboardoel 4T SAE 10W-30



1L | 1153203-001  
4L | 1153203-004  
5L | 1153203-005  
10L | 1153203-010  
20L | 1153203-020  
20L | 1153203-B20  
60L | 1153203-060  
60L | 1153203-D60  
208L | 1153203-208

**Kategorie:** 2 stroke engine oil

**Artikelnummer:** 1153203

**Viscosity:** 10W-30

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

**Oil type:** Semi-synthetic

**Approvals:** NMMA FC-W CAT, FC-51534X

**Recommendation:** Evinrude, Honda, Johnson, Mercury Verado, Nissan, Suzuki, Tohatsu, Yamaha

**Application:** Marine

**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 Note

**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.

## Characteristics

- 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

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Colour		blau	VISUELL
tbn	mg KOH/g	7,5	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	12,1	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	80,2	DIN 51562-1
Viscosity Index VI		146	DIN ISO 2909
Density at 20 °C	kg/m <sup>3</sup>	854,0	EN ISO 12185
Flashpoint	°C	250	DIN EN ISO 2592
Pourpoint	°C	-36	DIN ISO 3016

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

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

27.01.2023