



## RAVENOL Outboardoel 4T SAE 10W-30

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

RAVENOL Outboardoel 4T SAE 10W-30 is specifically designed with high quality base oils for use in 4-stroke outboard engines. Excellent wear protection under high load because of very effective 4-stroke additives. Excellent corrosion protection.

RAVENOL Outboardoel 4T SAE 10W-30 meets the requirements of the National Marine Manufacturers Association NMMA FC-W.

### Application Notes

RAVENOL Outboardoel 4T SAE 10W-30 is recommended for "FC-W" Fluids in all outboard engines. It can also be used for engines operating in seawater.

RAVENOL Outboardoel 4T SAE 10W-30 is recommended for lubrication of 4-stroke outboard engines with very high speeds and intense pressure.

Follow the manufacturer's recommendations.

### Quality Classifications

#### **Approvals**

NMMA FC-W, FB-83140K

#### **Practice and tested in aggregates with filling**

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

### Characteristic

RAVENOL Outboardoel 4T SAE 10W-30 offers:

- An excellent lubrication of all parts of the engine
- Proper lubrication of all engine parts
- A strong detergency and clean burning with no deposits
- Good cold starting
- A very high-wear, oxidation and corrosion protection
- Excellent shear stability
- Corrosion protection in all oil-wetted engine parts
- Immediate and homogeneous mixing with the fuel used (including lead-free)
- An adhesive, pressure-and temperature-resistant oil film
- Excellent anti-wear properties

Characteristics	Unit	Data	Audit
Colour		blau	-
Density at 20°C	kg/m <sup>3</sup>	872	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	76,6	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	11,8	DIN 51 562
Viscosity index VI		149	DIN ISO 2909
Pourpoint	°C	-27	DIN ISO 3016
TBN	mg KOH/g	7,7	DIN ISO 3771

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

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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