



RAVENOL Outboardoil 4T SAE 15W-40

RAVENOL Outboard 4T SAE 15W-40 is a mineral-based, low ash engine oil specially formulated for use in 4-stroke outboard marine engines. Provides high levels of wear protection and excellent corrosion resistance. Meets the requirements of, and is approved by, the National Marine Manufacturers Association NMMA FC-W® specification.

Application Notes

RAVENOL Outboard 4T SAE 15W-40 is recommended for use in all outboard engines where an oil of "FC-W" specification is recommended. Particularly suitable for the lubrication of 4-stroke outboard engines subject to high speeds and the heaviest loads and for use in both fresh water and sea water environments.

Quality Classifications

Approvals

NMMA FC-W, FB-83138K

Practice and tested in aggregates with filling

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

Characteristic

RAVENOL Outboard 4T SAE 15W-40 offers:

- Complete lubrication of all engine components
- A strong detergency capability for cleaner engine components
- Good cold starting
- Very high levels of wear and oxidation protection
- An excellent shear stability
- Exceptional corrosion protection in all oil-wetted engine parts
- An adhesive, pressure- and temperature-resistant oil film
- Excellent anti-wear properties

Characteristics	Unit	Data	Audit
Colour		blau	-
Density at 20°C	kg/m ³	870	EN ISO 12185
Viscosity at 40°C	mm ² /s	103,1	DIN 51 562
Viscosity at 100°C	mm ² /s	15,1	DIN 51 562
Viscosity index VI		154	DIN ISO 2909
Pourpoint	°C	-30	DIN ISO 3016
TBN	mg KOH/g	7,5	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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