



RAVENOL Outboardoel 2T Mineral



ART.-NR. 1153200

1 L | 1153200-001
4 L | 1153200-004
10 L | 1153200-010
20 L | 1153200-020
20 L | 1153200-B20
1000 L | 1153200-700

SPECIFICATIONS API TB

APPROVALS NMMA TC-W3 | RL-9000 G

RECOMMENDATIONS YAMAHA | SUZUKI | TOHATSU | JOHNSON |
EVINRUDE | MERCURY | SELVA

RAVENOL Outboardoel 2T Mineral is high quality 2-stroke engine oil based on mineral base oils with an ash less additive package for optimum lubricity and excellent corrosion protection.

RAVENOL Outboardoel 2T Mineral is especially designed for use in fresh water-cooled outboard engines with separate (Auto lube systems) or mixed lubrication.

RAVENOL Outboardoel 2T Mineral meets the requirements of the National Marine Manufacturers Association NMMA TC-W3 (CE 50S Yamaha, Mercury).

Application Notes

RAVENOL Outboardoel 2T Mineral is recommended for "TC-W3" Fluids in all outboard engines according to the prescribed mixing ratio from the engine manufacturer. It can also be used for engines operating in seawater.

RAVENOL Outboardoel 2T Mineral is recommended for use in outboard engines of Yamaha, Suzuki, Tohatsu, Johnson, Evinrude, Mercury and Selva.

Typical mixing ratio: 1: 50

Follow the manufacturers recommendations!

Characteristics

RAVENOL Outboardoel 2T Mineral offers:

- An excellent corrosion protection in all oil-wetted engine parts
- An excellent oxidation stability
- An excellent corrosion protection
- Immediate, homogeneous mixture with the used fuel (including lead-free)
- An effective pressure and temperature resistant oil film
- Environment friendly and low smoke
- A clean burning with no deposits



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	866,2	EN ISO 12185
Colour		blau	-
Viscosity at 100°C	mm ² /s	7,45	DIN 51 562
Viscosity at 40°C	mm ² /s	43,3	DIN 51 562
Viscosity index VI		119	DIN ISO 2909
Pourpoint	°C	-24	DIN ISO 3016
Flash point (COC)	°C	137	DIN ISO 2592
Sulphated ash	%wt.	<0,2	DIN 51 575

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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