



## 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 <sup>3</sup>	866,2	EN ISO 12185
Colour		blau	-
Viscosity at 100°C	mm <sup>2</sup> /s	7,45	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /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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