



1L | 1153200-001  
1L | 1153200-D01  
4L | 1153200-004  
5L | 1153200-005  
10L | 1153200-010  
20L | 1153200-020  
20L | 1153200-B20  
60L | 1153200-060  
208L | 1153200-208  
1000L | 1153200-700

# RAVENOL Outboardoel 2T Mineral

**Kategorie:** 2 stroke engine oil

**Artikelnummer:** 1153200

**Specification:** API TC

**Oil type:** Mineral

**Approvals:** NMMA TC-W3, RL-90000G

**Recommendation:** Evinrude, Johnson, Mercury, Selva, Suzuki, Tohatsu, Yamaha

**Application:** Marine

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

**RAVENOL Outboardoel 2T Mineral** is specifically 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.

## Application Note

**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 und Selva.

Typical mixing ratio: 1:50.

Follow the manufacturer's recommendations!

## Characteristics

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

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	866,2	EN ISO 12185
Colour		blau	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	7,45	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	43,3	DIN 51562-1
Viscosity Index VI		119	DIN ISO 2909
Pourpoint	°C	-24	DIN ISO 3016
Flashpoint	°C	137	DIN EN ISO 2592
Sulphated Ash	%wt.		DIN 51575

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