



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/m³ | 872  | EN ISO 12185    |
| Colour              |       | blau | VISUELL         |
| Viscosity at 100 °C | mm²/s | 66,6 | DIN 51562-1     |
| Viscosity at 40 °C  | mm²/s | 9,0  | DIN 51562-1     |
| Viscosity Index VI  |       | 110  | DIN ISO 2909    |
| Pourpoint           | °C    | -24  | DIN ISO 3016    |
| Flashpoint          | °C    | 178  | DIN EN ISO 2592 |
| Sulphated Ash       | %wt.  |      | DIN 51575       |

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