



# RAVENOL Outboardoel 2T Fullsynth.



1L | 1151200-001  
4L | 1151200-004  
5L | 1151200-005  
10L | 1151200-010  
20L | 1151200-020  
20L | 1151200-B20  
60L | 1151200-060  
208L | 1151200-208  
1000L | 1151200-700

**Kategorie:** 2 stroke engine oil

**Artikelnummer:** 1151200

**Specification:** API TD

**Oil type:** Full synthetic

**Approvals:** NMMA TC-W3, RL-90001G

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

**Application:** Marine

**RAVENOL Outboardoel 2T Fullsynth.** is high performance 2-stroke engine oil with special esters and Polyisobutylene (PIB) and an ash less additive package for optimum lubricity and excellent corrosion protection.

**RAVENOL Outboardoel 2T Fullsynth.** is especially designed for outboard engines with or without Direct Fuel Injection (DFI) Systems in fresh water cooled outboard engines with separate (Auto lube systems) or mixed lubrication.

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

## Application Note

**RAVENOL Outboardoel 2T Fullsynth.** 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 Fullsynth.** is recommended for use in 2-stroke outboard engines with or without Direct Fuel Injection (DFI) Systems. For example OptiMax (Mercury), E-TEC (BRP: Evinrude and Johnson), HPDI (Yamaha), TLDI (Tohatsu, Nissan Marine), DFI (Selva).

Typical mixing ratio: 1:100

Follow the manufacturers recommendations!

## Characteristics

- An excellent corrosion protection in all oil-wetted engine parts
- Immediate, homogeneous mixture with the used fuel (including lead-free)
- An effective pressure and temperature resistant oil film
- An excellent anti-wear performance
- A clean burning with no deposits
- Low coking
- High wear protection
- Very low Pourpoint, also to use at very low temperature

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Colour		blau	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	10,7	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	70,8	DIN 51562-1
Viscosity Index VI		143	DIN ISO 2909
Density at 20 °C	kg/m <sup>3</sup>	865,0	EN ISO 12185
Flashpoint	°C	130	DIN EN ISO 2592
Pourpoint	°C	-39	DIN ISO 3016

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