

## -Certificate / ProductInformation-

### RAVENOL Outboardoel 2T Teilsynth.

Art. 1152200

SEMI-SYNTHETIC

MARINE

#### Description:

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

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

#### Application Directions:

**RAVENOL Outboardoel 2T Teilsynth.** 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.

Typical mixing ratio: 1: 75

Follow the manufacturers recommendations!

#### Quality Classification:

**RAVENOL Outboardoel 2T Teilsynth.** is approved, tried and tested for aggregates specifying:

Specification: API TC

Approvals: NMMA TC-W3®, RL-29018F

Recommendations: Yamaha, Suzuki, Tohatsu, Johnson, Evinrude, Mercury and Selva

#### Technical Characteristics:

**RAVENOL Outboardoel 2T Teilsynth.** offers:

- Contains additives, designed on the characteristics of outboard engine
- 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, high wear protection
- An excellent oxidation stability
- A clean burning with no deposits
- Low coking

#### Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m <sup>3</sup>	865,0	EN ISO 12185
Colour		blue	visual
Viscosity at 100°C	mm <sup>2</sup> /s	9,5	DIN 51562-1
Viscosity at 40°C	mm <sup>2</sup> /s	69,0	DIN 51562-1
Viscosity Index VI		116	DIN ISO 2909
Pourpoint	°C	-36	DIN ISO 3016
Flashpoint	°C	168	DIN ISO 2592

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.