



RAVENOL Outboardoel 2T Mineral

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!

Quality Classifications

RAVENOL Outboardoel 2T Mineral is approved and corresponds to the following specifications:

Specifications

API TB

Approvals

NMMA TC-W3, RL-90000G

Practice and tested in aggregates with filling

Yamaha, Suzuki, Tohatsu, Johnson, Evinrude, Mercury, Selva

Characteristic

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

| Characteristics | Unit | Data | Audit |
|--------------------|--------------------|-------|--------------|
| Colour | | blau | - |
| Density at 20°C | kg/m ³ | 866,2 | EN ISO 12185 |
| Viscosity at 40°C | mm ² /s | 43,3 | DIN 51 562 |
| Viscosity at 100°C | mm ² /s | 7,45 | DIN 51 562 |
| Viscosity index VI | | 119 | DIN ISO 2909 |
| Pourpoint | °C | -24 | DIN ISO 3016 |
| Sulphated ash | %wt. | <0,2 | DIN 51 575 |

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

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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