



# RAVENOL MARINE 1230 SAE 30 TBN12



1L | 1163010-001

4L | 1163010-004

10L | 1163010-010

20L | 1163010-020

20L | 1163010-B20

60L | 1163010-060

208L | 1163010-208

1000L | 1163010-700

**Kategorie:** Marine engine oil

**Artikelnummer:** 1163010

**Viscosity:** 30

**Specification:** API CF

**Oil type:** Mineral

**Recommendation:** DEF-STAN 91-22/2, MIL-L-2104 C

**Application:** Marine

**RAVENOL MARINE 1230 SAE 30 TBN12** is a mineral diesel engine oil for the navy.

**RAVENOL MARINE 1230 SAE 30 TBN12** is made from high quality solvent refined basic oils with a special multi functional additivation for the demands of a navy oil for the use of navy diesel engines and for the lubrication of gear transfers in aggregates used on boats.

## Application Note

**RAVENOL MARINE 1230 SAE 30 TBN12** is used as a lubrication oil in quickly running and so-called « medium speed » navy diesel engines, perhaps with turbo charging and when using distilled fuels.

## Characteristics

- a very good oxidation resistance
- a stable viscosity index
- excellent dispersant and detergent characteristics
- a good neutralizing power to neutralize acid connections which occur when burning diesel fuels
- a good cleaning power
- a good corrosion protection
- a good foam prevention
- a low pourpoint
- a good water separation behaviour

# Technical Product Data

| PROPERTY            | UNIT     | DATA  | AUDIT           |
|---------------------|----------|-------|-----------------|
| Density at 20 °C    | kg/m³    | 883,0 | EN ISO 12185    |
| Colour              |          | braun | VISUELL         |
| Viscosity at 100 °C | mm²/s    | 11,7  | DIN 51562-1     |
| Viscosity at 40 °C  | mm²/s    | 105,2 | DIN 51562-1     |
| Viscosity Index VI  |          | 99    | DIN ISO 2909    |
| Pourpoint           | °C       | -21   | DIN ISO 3016    |
| Flashpoint          | °C       | 274   | DIN EN ISO 2592 |
| tbn                 | mg KOH/g | 12,5  | ASTM D2896      |
| Sulphated Ash       | %wt.     | 1,67  | DIN 51575       |

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