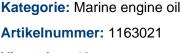


## RAVENOL MARINE 1640 SAE 40 TBN16



Viscosity: 40

Specification: API CF, SAE-Klasse 40

Oil type: Mineral

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

**Application:** Marine

RAVENOL MARINE 1640 SAE 40 TBN16 is a mineral diesel engine oil for

the navy.

**RAVENOL MARINE 1640 SAE 40 TBN16** 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.



1L | 1163021-001 4L | 1163021-004 10L | 1163021-010 20L | 1163021-020 20L | 1163021-B20 60L | 1163021-060 208L | 1163021-208 1000L | 1163021-700

## **Application Note**

**RAVENOL MARINE 1640 SAE 40 TBN16** is used as a lubrication oil in quickly running and so-called « mediumspeed » navy diesel engines, perhaps with turbo charging and when using distilled fuels with a sulfur content upto 1,8 %.

**RAVENOL MARINE 1640 SAE 40 TBN16** can also be used for the lubrication of gear transfers in aggregates used on boats.

## **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    | 893,0 | EN ISO 12185    |
| Colour              |          | braun | VISUELL         |
| Viscosity at 100 °C | mm²/s    | 14,5  | DIN 51562-1     |
| Viscosity at 40 °C  | mm²/s    | 146,0 | DIN 51562-1     |
| Viscosity Index VI  |          | 97    | DIN ISO 2909    |
| Pourpoint           | °C       | -18   | DIN ISO 3016    |
| Flashpoint          | °C       | 268   | DIN EN ISO 2592 |
| tbn                 | mg KOH/g | 17,4  | ASTM D2896      |
| Sulphated Ash       | %wt.     | 2,21  | DIN 51575       |

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