



# RAVENOL MARINE Performance SAE 15W-40



1L | 1163101-001  
4L | 1163101-004  
5L | 1163101-005  
20L | 1163101-020  
20L | 1163101-B20  
60L | 1163101-060  
208L | 1163101-208

**Kategorie:** Marine engine oil

**Artikelnummer:** 1163101

**Viscosity:** 15W-40

**Specification:** ACEA E7, ACEA E9, API CJ-4, API CK-4, API SN

**Oil type:** Mineral

**Approvals:** Mack EOS-4.5, Renault VI RLD-3, VOLVO VDS-4.5

**Recommendation:** Caterpillar, Cummins QSB 5.9, Detroit Diesel, IVECO, MAN, Mercruiser, MTU, NANNI Diesel, PERKINS, Scania LDF, SKL, STEYR, SULZER, VETUS DEUTZ, Yanmar

**Application:** Marine

**RAVENOL MARINE Performance SAE 15W-40** is an all-year SHPD engine oil for marine diesel engines with or without turbo charging.

**RAVENOL MARINE Performance SAE 15W-40** is marine diesel engines motor oil with high wear protection.

**RAVENOL MARINE Performance SAE 15W-40** is specially designed for extended oil change intervals (under consideration of the manufacturer instruction).

## Application Note

**RAVENOL MARINE Performance SAE 15W-40** is approved, tried and tested for aggregates specifying:

Specifications: API CK-4/CJ-4/SN; ACEA E9, E7

Approvals: Volvo VDS-4.5; Mack EOS-4.5; Renault VI RLD-3

Recommendations: Caterpillar; Cummins QSB 5.9; Detroit Diesel; IVECO; MAN; Mercruiser; MTU; NANNI Diesel; PERKINS; Scania LDF; SKL; Steyr; SULZER; VETUS DEUTZ; YANMAR

## Characteristics

- high pressure absorption capacity, high oxidation stability
- outstanding temperature stability
- very good detergent and dispersing properties
- excellent aging resistance, high wear protection
- excellent viscosity-temperature behavior
- neutrality to seals
- high safety reserves even with boundary lubrication conditions
- best suitability for difficult operating conditions

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	866,0	EN ISO 12185
Colour		blau	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	15,6	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	116,1	DIN 51562-1
Viscosity Index VI		142	DIN ISO 2909
Pourpoint	°C	-33	DIN ISO 3016
Flashpoint	°C	240	DIN EN ISO 2592
tbn	mg KOH/g	11,0	ASTM D2896

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

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

06.02.2023