



## RAVENOL MARINEOIL DIESEL SHPD 20W-50



**VISCOSITY** 20W-50  
**SPECIFICATIONS** API CI-4 | ACEA E7 | ACEA B4  
**FABRICATION** MINERAL  
**RECOMMENDATIONS** YANMAR | STEYR | MERCURISER

**RAVENOL MARINEOIL DIESEL SHPD 20W-50** is a SHPD multi-range engine oil for marine diesel engines.

**ART.-NR. 1163110**

4 L | 1163110-004  
 10 L | 1163110-010  
 20 L | 1163110-020  
 20 L | 1163110-B20  
 1000 L | 1163110-700

**RAVENOL MARINEOIL DIESEL SHPD 20W-50** corresponds to the demands of the SAE class 20W-50. This viscosity classification guarantees a good lubricating film also under complicate operating conditions.

## Characteristics

**RAVENOL MARINEOIL DIESEL SHPD 20W-50** offers:

- an extreme high pressure absorption capacity
- a very high oxidation stability
- an excellent aging resistance
- an excellent viscosity temperature behaviour
- high safety reserves also under boundary lubrication conditions
- suitability for extended oil change intervals
- suitability for complicate operating conditions
- a good water separation behaviour

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	881,0	EN ISO 12185
Colour		blau	visual
Viscosity at 100°C	mm <sup>2</sup> /s	18,4	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	161,3	DIN 51 562



Property	Unit	Data	Audit
Viscosity index VI	°C	<del>138</del>	DIN ISO 2909
Flash point (COC)	°C	250	DIN ISO 2592
TBN	mg KOH/g	11,2	ASTM D2896
Sulphated ash	%wt.	1,44	DIN 51 575

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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