

Ravensberger Schmierstoffvertrieb GmbH  
Postfach 1163  
33819 Werther  
Tel.: 05203/9719-0  
Fax.: 05203/9719-40 / 41

## - ProductInformation -

### RAVENOL MARINE 840

Art. 163002

#### Description:

**RAVENOL MARINE 840** is a mineral diesel engine oil for the navy.

**RAVENOL MARINE 840** is produced with a special additivation for the demands for a navy oil for the use in crosshead diesel engines and engines for the coasting and inland navigation.

#### Application directions :

**RAVENOL MARINE 840** is used as a lubrication oil in slowly running crosshead diesel engines and as an engine oil in easy loaded engines of the coasting and inland navigation.

#### Quality classification:

**RAVENOL MARINE 840** is practice-related and tested in aggregates with filling instructions :

API CC

MIL.L-2104A, DEF 2101D, FZG 8

SAE class 40

#### Technical characteristics:

**RAVENOL MARINE 840** offers:

- a very good oxidation resistance
- a good viscosity index
- a good neutralizing power to neutralize acid connections which occur when burning diesel fuels
- a good cleaning power
- good anti corrosion properties
- a good corrosion protection
- a good foam prevention
- a low pourpoint
- a good water separation behaviour

#### Technical values:

Characteristics		unit	data	test according to
<b>Colour</b>			blue	
<b>Density</b>	at 20 °C	g/ml	0,896	DIN 51 7 57
<b>Viscosity</b>	at 40 °C	mm <sup>2</sup> /s	150,0	DIN 51 562
	at 100 °C	mm <sup>2</sup> /s	14,9	DIN 51 562
<b>Viscosity index</b>			99	DIN ISO 2909
<b>Flash point</b>	COC	°C	255	DIN ISO 2592
<b>Pour point</b>		°C	- 24	DIN ISO 3016
<b>TBN</b>		mg KOH/g	8,0	DIN ISO 3771
<b>Sulfat ash</b>		%	1,15	

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.

11.11.2008