



## RAVENOL Turbo-C HD-C SAE 15W-40

RAVENOL Turbo-C HD-C SAE 15W-40 is high quality multi-grade engine oil for passenger cars and trucks with diesel engines with or without turbo charger which has been adapted to the ever-growing demands.

It is also suitable for use gasoline (petrol) engines. It has an excellent lubricating film adhesion and very good shear stability and an excellent cleaning power and high resistance to aging.

### Application Notes

RAVENOL Turbo-C HD-C SAE 15W-40 is perfectly suited as all-season motor oil for the mixed fleet. It can be used in the commercial vehicle sector for operation and extended oil change interval (up to 45,000 kilometres are possible) according to manufacturer's specifications.

### Quality Classifications

#### **Specifications**

API CF-4/CF/SL, ACEA 2004: A3/B4,E2

#### **Approvals**

MB-Approval 229.1, License: API SL, MAN M 3275-1

#### **Practice and tested in aggregates with filling**

MAN 271, ZF TE-ML 07C, VW 505 00, Allison C-4, Caterpillar TO-2, Volvo VDS, MACK EO-L, MTU Typ 2

### Characteristic

RAVENOL Turbo-C HD-C SAE 15W-40 offers:

- An excellent shear stability
- Very good cold start characteristics
- A very high oxidation stability
- Avoids the formation of coking and accumulation of mud (black sludge)
- A very stable and excellent viscosity behaviour
- Suitable for catalysts
- Convincing detergent and dispersant attributes
- High security reserves even under limited lubrication conditions

Characteristics	Unit	Data	Audit
Colour		yellow brown	visual
Density at 20°C	kg/m <sup>3</sup>	880	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	97,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,4	DIN 51 562
Viscosity index VI		137	DIN ISO 2909
Flash point (COC)	°C	221	DIN ISO 2592
Pourpoint	°C	-28	DIN ISO 3016
TBN	mg KOH/g	7,5	DIN ISO 3771
Sulphated ash	%wt.	1,3	DIN 51 575

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.

05.11.2015

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