



GERMAN ADLER GMBH

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PRODUCT INFORMATION **GERMAN ADLER SAE 15W-40 HD**

High-quality multi-grad mineral oil based motor oil of SAE Class 15W-40. Excellently suited for passenger car gasoline and diesel engines, both turbocharged and naturally aspirated.

Description

GERMAN ADLER SAE 15W-40 HD is a SAE 15W-40 high performance engine oil made selected mineral base oils.

Application

GERMAN ADLER SAE 15W-40 HD is specially recommended for the use in gasoline and diesel engines independently if naturally aspirated or turbocharged. It's intended for use in vehicles without extended drain intervals. The modern conception of GERMAN ADLER SAE 15W-40 HD offers a broad range of applications under a wide variety of conditions.

In compliance to EEC regulations the quality of GERMAN ADLER SAE 15W-40 HD is equivalent according to the following standards / specifications:

- ACEA A3/B4
- API SN/CF
- MB 229.1
- VW 501 01/505 00

Advantages/Benefits

- excellently suited for turbo-charged engines
- reliably prevents from resin formation, varnishing and ring sticking of cylinders, pistons, valves and turbo chargers
- all-season use due to good viscosity-temperature behavior and high shear stability
- stable lubricating film even under very hot oil temperatures and/or very high stress
- very low oil consumption
- oxidation protection through selected mineral base oils and special additive technology
- reliable protection against black-sludge
- proper function of hydraulic tappets
- miscible and compatible with conventional, also as synthetic branded engine oils. To make use of the full performance benefit of GERMAN ADLER SAE 15W-40 HD a complete oil change is recommended

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	873	DIN 51 757
Viscosity at 40°C	mm ² /s	115	DIN 51 562
Viscosity at 100°C	mm ² /s	15,3	DIN 51 562
Viscosity index		140	DIN ISO 2909
Dynamic viscosity at -20°C	mPa.s	5380	DIN 51 377
Pour point	°C	-42	DIN ISO 3016
Flash point	°C	230	DIN ISO 2592
TBN	mg KOH/g	10,1	DIN ISO 3771

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.