



GERMAN ADLER GMBH

Kennedyallee 93  
60596 Frankfurt am Main  
Phone: +49 69 697 692 10  
Fax: +49 69 697 962 15  
info@german-adler.com  
www.German-Adler.com

## PRODUCT INFORMATION **GERMAN ADLER SAE 10 HD**

### Description

Mono grade engine oil of SAE 10 viscosity grade made from mineral base oils and selected additives. Excellently suited for both gasoline and diesel engines. The corrosion- and wear protection correspond to the high performance level of this product. GERMAN ADLER SAE 10 HD can be used in steady state engines and in locomotives. Furthermore, it may be used in gears, speed-torque converters and in hydraulic units, if constructor recommends such motor oil.

### Application

In compliance with manufacturers filling instructions, GERMAN ADLER SAE 10 HD is recommended for use in gasoline and diesel engines independently.

In compliance to EEC regulations, the quality of GERMAN ADLER SAE 10 HD is equivalent according to the following standards / specifications:

- API SF/CF/CF-4

### Advantages/Benefits

- Excellently for steady state engines and in locomotives
- oxidation protection through selected base oils
- 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 10 HD a complete oil change is recommended

### Typical characteristics:

	Unit	Value	Method
<b>Density at 15°C</b>	kg/m <sup>3</sup>	855	DIN 51 757
<b>Viscosity at 100°C</b>	mm <sup>2</sup> /s	5,7	DIN 51 562
<b>Dynamic viscosity at -25°C</b>	mPa.s	2180	DIN 51 377
<b>Pour point</b>	°C	-42	DIN ISO 3016
<b>Flash point</b>	°C	230	DIN ISO 2592
<b>TBN</b>	mg KOH/g	8,2	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.