



GERMAN ADLER GMBH

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## PRODUCT INFORMATION **GERMAN ADLER SAE 20W-50 GST**

Multi grade engine oil of SAE 20W-50 viscosity grade made from selected base oils. Excellently suited for both gasoline and diesel engines naturally aspirated or turbo-charged.

### Description

GERMAN ADLER SAE 20W-50 GST is a SAE 20W-50 multi grade engine oil made from selected base oils.

### Application

In compliance with manufacturers filling instructions GERMAN ADLER SAE 20W-50 GST is recommended for use in gasoline and diesel engines independently if naturally aspirated or turbocharged. Due to its high viscosity grade it's especially recommended for high ambient temperature conditions.

In compliance to EEC regulations the quality of GERMAN ADLER SAE 20W-50 GST is equivalent according to the following standards / specifications:

- API SF/CD

### Advantages/Benefits

- excellently suited for turbo-charged engines
- prevents from resin formation, varnishing and ring sticking of cylinders, pistons, valves and turbo chargers
- SAE 20W-50 – specially capable for high ambient temperature applications
- stable lubricating film even under hot oil temperatures and/or high stress
- oxidation protection through selected base oils
- miscible and compatible with conventional, also as synthetic branded engine oils. To make use of the full performance benefit of GERMAN ADLER SAE 20W-50 GST a complete oil change is recommended

### Typical characteristics:

	Unit	Value	Method
<b>Density at 15°C</b>	kg/m <sup>3</sup>	857	DIN 51 757
<b>Viscosity at 40°C</b>	mm <sup>2</sup> /s	137	DIN 51 562
<b>Viscosity at 100°C</b>	mm <sup>2</sup> /s	20,4	DIN 51 562
<b>Viscosity index</b>		172	DIN ISO 2909
<b>Dynamic viscosity at -15°C</b>	mPa.s	1930	DIN 51 377
<b>Pour point</b>	°C	-39	DIN ISO 3016
<b>Flash point</b>	°C	228	DIN ISO 2592
<b>TBN</b>	mg KOH/g	6,5	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.

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