



GERMAN ADLER GMBH

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PRODUCT INFORMATION **GERMAN ADLER SYNT SAE 0W-40**

Fully synthetic high performance engine oil with optimized temperature-/viscosity behavior. Specially developed for high performance gasoline and diesel engines naturally aspirated or turbocharged.

Description

GERMAN ADLER SYNT SAE 0W-40 is high performance engine oil with optimized viscosity grade, made from fully synthetic PAOs (Poly-Alpha-Olefin). The unique composition of high VI (Viscosity Index) fully synthetic base oils with the modern additive package provides its outstanding performance level.

Application

GERMAN ADLER SYNT SAE 0W-40 provides superior cold start behavior even under very cold climate conditions. At the same time it offers full film strength for high wear protection even continuous stress and hot oil temperatures. GERMAN ADLER SYNT SAE 0W-40 has been specially designed to stand the needs of today's gasoline and diesel engines. It's especially recommended for cars, which are racy driven and under full performance application also as under extreme climate conditions.

In compliance to EEC regulations the quality of GERMAN ADLER SYNT SAE 0W-40 is equivalent according to the following standards / specifications:

- ACEA A3/B4
- API SN/CF
- BMW Longlife-01
- Ford WSS-M2C937-A
- MB 226.5/229.5
- Porsche A40
- Renault RN 0700/0710
- VW 502 00/505 00

Advantages/Benefits

- fuel-economy characteristics
- excellent cold start behavior even under extreme low temperature conditions
- real all-season use due to outstanding viscosity temperature behavior and high shear stability
- stable lubricating film even under very hot oil temperatures and/or very high stress
- very high oxidation resistance due fully synthetic PAO base oils in combination with extraordinary additive technology
- excellently suited for turbocharged engines
- reliably prevents from resin formation, varnishing and ring sticking of cylinders, pistons, valves and turbo chargers
- great rationalism product with multi-functional applications in diesel and gasoline engines of several manufacturers
- reliable protection against black-sludge
- low oil consumption due to minimum evaporative loss
- miscible and compatible with conventional, also as synthetic branded engine oils. To make use of the full performance benefit of GERMAN ADLER SYNT SAE 0W-40 a complete oil change is recommended

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	845	DIN 51 757
Viscosity at 40°C	mm ² /s	74	DIN 51 562
Viscosity at 100°C	mm ² /s	13,5	DIN 51 562
Viscosity index		188	DIN ISO 2909
Dynamic viscosity at -30°C	mPa.s	6080	DIN 51 377
Pour point	°C	-42	DIN ISO 3016
Flash point	°C	226	DIN ISO 2592

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.