



## PRODUCT INFORMATION **GERMAN ADLER SYNT SAE 5W-40 C3**

Multifunctional high performance engine oil specially developed for modern passenger cars with/without extended drain intervals and exhaust after treatment devices.

### Description

GERMAN ADLER SYNT SAE 5W-40 C3 is made from HC-synthesis base oils and specially designed additives, providing a wide range of applications.

### Application

GERMAN ADLER SYNT SAE 5W-40 C3 has been specially designed to stand the needs of today's gasoline and diesel vehicles. At the same time it fulfills the requirements of many manufacturer, also as the ACEA C3 specification for a so called „low ash“ product.

In respect to manufacturers instructions it's recommended in vehicles with exhaust after treatment devices (DPF = diesel particulate filter), in VW pump-injector (PD) engines, also as in gasoline and diesel engines with/without turbo chargers.

In compliance to EEC regulations the quality of GERMAN ADLER SYNT SAE 5W-40 C3 is equivalent according to the following standards / specifications:

- ACEA C3
- ACEA A3/B4-04
- API SN/CF
- BMW Longlife-04
- Fiat 9.55535-S2
- FORD WSS-M2C917-A (VW-engine)
- Opel GM Dexos 2
- MB 229.31/229.51
- Renault RN 0700/0710
- VW 502 00/505 00/505 01 (PD)
- Porsche A40

### Advantages/Benefits

- Great rationalism product with multi-functional applications in diesel and gasoline engines of several manufacturers.
- Fulfills the requirements of the VW pump-injector specification VW 505 01.
- Low sulphated ash content, also as low phosphorous and sulphur level prevent diesel particulate filter and 3-way catalysts from damage.
- Inhibits deposits in engines and turbochargers, thus excellent operation reliability and reduced maintenance costs.
- Low oil consumption due to minimum evaporative loss.
- Very good cold start behaviour and lubrication of the engine.
- Miscible and compatible with conventional, also as synthetic branded engine oils. To make use of the full performance benefit of GERMAN ADLER SYNT SAE 5W-40 C3 a complete oil change is recommended.

### Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m <sup>3</sup>	854	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	81,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,5	DIN 51 562
Viscosity index		169	DIN ISO 2909
Dynamic viscosity at -30°C	mPa.s	6240	DIN 51 377
Pour point	°C	-36	DIN ISO 3016
Flash point	°C	232	DIN ISO 2592
TBN	mg KOH/g	7,3	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.