



GERMAN ADLER GMBH

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PRODUCT INFORMATION **GERMAN ADLER SYNT SAE 0W-30 S**

Description

GERMAN ADLER SYNT SAE 0W-30 S has been specially developed for the most modern generation of downsizing engines. The special combination of base oils and additives helps to significantly reduce the so-called LSPI (low speed pre-ignition).

With the LSPI, the gasoline-air mixture ignites spontaneously in the combustion chamber before the ignition spark occurs. This can lead to engine knocking and serious engine damage. Pollution inside the engine plays a role as well as poor fuel quality.

Due to the LSPI problem, this combination of base oil and additives has been developed and is prescribed by Opel and General Motors for certain models.

GERMAN ADLER SYNT SAE 0W-30 S is the suitable engine oil and meets the new and tightened General Motors Specification Dexos 1 Generation 3.

Application

In compliance to EEC regulations the quality of GERMAN ADLER SYNT SAE 0W-30 S is equivalent according to the following standards / specifications:

- API SQ
- Daihatsu
- GM dexos1 Gen 3
- GM 60945-M
- Honda
- ILSAC GF-7A
- Isuzu
- Hyundai
- Kia
- Lexus
- Mazda
- Nissan
- Subaru
- Suzuki
- Toyota

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	845	DIN 51 757
Viscosity at 40°C	mm ² /s	58,7	DIN 51 562
Viscosity at 100°C	mm ² /s	10,9	DIN 51 562
Viscosity index		180	DIN ISO 2909
CCS at 30°C	mPa.s	6210	ASTM D5293
Pour point	°C	-42	DIN ISO 3016
Flash point	°C	240	DIN ISO 2592
TBN	mg KOH/g	8	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.