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PRODUCT INFORMATION *GERMAN ADLER SYNT SAE 5W-30 D*

Description

GERMAN ADLER SYNT SAE 5W-30 D 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.

Application

GERMAN ADLER SYNT SAE 5W-30 D is the suitable engine oil and meets the new and tightened General Motors Specification Dexos 1 Generation 3.

In compliance to EEC regulations the quality of GERMAN ADLER SYNT SAE 5W-30 D is equivalent according to the following standards / specifications:

- API SQ
- Daihatsu
- Fiat 9.55535-CR1
- Ford WSS-M2C929-A
- Ford WSS-M2C946-A
- Ford WSS-M2C946-B1
- Ford WSS-M2C961-A
- GM dexos1 Gen 3
- GM 6094M/4718M
- Honda/Acura HTO-06
- Hyundai
- ILSAC GF-7A
- Isuzu
- Kia
- Lexus
- Mazda
- Nissan
- Opel OV 040 1547 - G30
- Subaru
- Suzuki
- Toyota

The product has been developed exclusively for gasoline, not suitable for diesel engines.

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m³	848	DIN 51 757
Viscosity at 40°C	mm²/s	60,9	DIN 51 562
Viscosity at 100°C	mm²/s	10,9	DIN 51 562
Viscosity index		171	DIN ISO 2909
Dynamic viscosity at -35°C	mPa.s	5220	DIN 51 377
Pour point	°C	-45	DIN ISO 3016
Flash point	°C	224	DIN ISO 2592
TBN	mg KOH/g	8,0	DIN ISO 3771