



# Swd Rheinol Primus GF-5 Plus

## SAE 5W-20

### Fully Synthetic Fuel Efficient Engine Oil

#### Description and Properties

**Swd Rheinol Primus GF-5 Plus SAE 0W-20** 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.

**Swd Rheinol Primus GF-5 Plus SAE 0W-20** is the suitable engine oil and meets the new and tightened General Motors Specification **Dexos 1 Generation 3**.

The product has been developed exclusively for gasoline engines and is **not** suitable for diesel engines.

#### Specifications / Recommendations

API SP	Ford WSS-M2C945-B1	Honda	Nissan
ILSAC GF-6A	Ford WSS-M2C930-A	Kia	Subaru
GM dexos1 Gen 3	Ford WSS-M2C960-A	Isuzu	Suzuki
GM 6094-M	Chrysler MS-6395	Lexus	Toyota
Ford WSS-M2C945-A	Daihatsu	Mazda	

#### Typical Properties

Swd Rheinol Primus GF-5 Plus SAE 5W-20	unit	value	method
Density at 15°C	kg/m <sup>3</sup>	852	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	47,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	8,5	DIN 51 562
Viscosity Index		157	DIN ISO 2909
CCS at -30°C	mPa.s	4750	ASTM D5293
Pourpoint	°C	-45	DIN ISO 3016
Flashpoint	°C	230	DIN ISO 2592
TBN	mg KOH/g	8,1	DIN ISO 3771

Article-No. : 31198

Specification variations in these characteristics may occur.  
The instructions of manufacturer must be regarded.  
Further informations to be available by MSDS.

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