



**Product Data Sheet**

**MOTOR OIL SN 20W-50**

**Product Description:**

**MOTOR OIL SN 20W-50** is an universal high performance engine oil for use in gasoline- and diesel engines of passenger car and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

**MOTOR OIL SN 20W-50** is formulated with high quality refined mineral base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High viscosity index.

**MOTOR OIL SN 20W-50** exceeds the following performance criteria:

API SN/CF                      ACEA A3/B4                      MB 229.1/229.3                      VW 501.01/505.00

Properties	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	20W-50
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	889
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	150
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	18,2
Viscosity Index		ASTM D2270	135
Viscosity CCS @-15°C, max	cP	ASTM D2270	9500
Flash Point COC	°C	ASTM D92	>215
Pour Point	°C	ASTM D7346	-27
Total Base Number	mgKOH/g	ASTM D2896	10
Sulphated Ash	%Wt	ASTM D874	1.31

Product Nr: 4240

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