



RAVENOL Super Fuel Economy SFE SAE 5W-20

RAVENOL SFE 5W-20 is a fully synthetic low friction motor oil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Minimises friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

RAVENOL SFE 5W-20 has a high viscosity index because of its formulation with special base oils. The excellent cold start behaviour provides an optimum lubricating safety during the cold run phase. Because of a considerable fuel saving RAVENOL SFE 5W-20 contributes to protect the environment by reducing the emissions.

Application Notes:

RAVENOL SFE 5W-20 is an universal fuel-efficient engine oil, a top-quality product for modern passenger cars with gasoline engines of the latest generation.

Quality Classifications:

Specifications:

ACEA A5/B5

Approvals:

License: API SN Resource Conserving / SM Energy Conserving, ILSAC GF-5

Practice and tested in aggregates with filling:

Meets FORD WSS-M2C930-A, FORD WSS-M2C930-B (extended drain capability), Ford WSS-M2C948-B, MAZDA, Chrysler MS-6395, HONDA, Nissan, Mitsubishi DiaQueen

Characteristics:

RAVENOL Super Fuel Economy SFE SAE 5W-20 offers:

- Excellent corrosion protection even under high-speed driving conditions, protects the longevity of the engine
- Excellent detergent and dispersant characteristics for a trouble-free running of the engine
- Excellent characteristics because of the use of fully synthetic base oils
- Excellent cold start characteristics even at low temperatures
- Quick lubrication of the engine even at temperatures below -30 °C
- Low evaporation tendency, therefore a lower oil consumption
- Safety against accumulation of sludge, coking and corrosion even under unfavourable operating conditions
- Guarantee of the function of the hydro tappets at all temperatures
- No oil limited deposits in combustion chambers, at the piston ring and valves
- Unchanged viscosity during the whole oil change interval, high viscosity index
- Neutral against sealing materials
- Extended oil change intervals protect natural resources

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m ³	854	EN ISO 12185
Viscosity at -30°C	mPa.s	3700	ASTM D5293
Viscosity at 40°C	mm ² /s	45,3	DIN 51 562
Viscosity at 100°C	mm ² /s	8,4	DIN 51 562
Viscosity index VI		164	DIN ISO 2909
Flash point (COC)	°C	227	DIN ISO 2592
Pourpoint	°C	-45	DIN ISO 3016
TBN	mg KOH/g	10	DIN ISO 3771

All indicated data are approximate values and are subject to the commercial fluctuations.

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

02.03.2015

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