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- Certificate / ProductInformation -

RAVENOL Super Fuel Economy SFE SAE 5W-20

Art. 1111110

CleanSynto®

Description:

RAVENOL Super Fuel Economy SFE SAE 5W-20 is full synthetic, low-friction engine oil based on PAO (Polyalphaolefines) with CleanSynto® technology for car gasoline and diesel engines, with and without turbocharging 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 Super Fuel Economy SFE SAE 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 Super Fuel Economy SFE SAE 5W-20** contributes to protect the environment by reducing the emissions.

Application Directions:

RAVENOL Super Fuel Economy SFE SAE 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 Classification:

RAVENOL Super Fuel Economy SFE SAE 5W-20 is approved, tried and tested for aggregates specifying:

Specification: ACEA A5/B5

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

Recommendations: FORD WSS-M2C930-A, FORD WSS-M2C930-B (extended drain capability), Ford WSS-M2C925-A/B, Ford WSS-M2C948-B, Chrysler MS-6395, Honda/Acura HTO-6, Nissan, Mazda, Suzuki, Toyota, Fiat 9.55535-CR1

Technical Characteristics:

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

- Guaranteed fastest possible lubrication of the engine.
- High fuel economy (FE) effect due to the base oils and additives used. Low volatilization tendency, thereby lower oil consumption.
- Provides protection against sludging, coking, varnish and corrosion even under unfavorable operating conditions.
- No oil-related deposits in combustion chambers in the piston ring zone and on valves.
- Ensures the function of the hydraulic tappets at all temperatures.
- Stable engine oil, no NOx oxidation.
- Good aging behavior, confirmed by the Hot Tube Test.
- Good soot absorption and dispersion.
- Neutral towards sealing materials.

Technical Values:

Characteristics		unit	data	test according to
Colour			brown	visual
Density	at 20 °C	kg/m ³	851	EN ISO 12185
Viscosity	at -30°C	mPa*s	3700	ASTM D 5293
	at 40 °C	mm ² /s	45,3	DIN 51 562
	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
Pour point		°C	- 45	DIN ISO 3016
TBN		mg KOH/g	10	DIN ISO 3771
HTHS	at 150°C	mPa*s	2,9	CEC-L-036-90

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

14.10.15