



RAVENOL SMO SAE 5W-30



1L | 1111151-001

4L | 1111151-004

5L | 1111151-005

20L | 1111151-B20

60L | 1111151-060

60L | 1111151-D60

208L | 1111151-208

208L | 1111151-D28

Kategorie: Passenger car motor oil

Artikelnummer: 1111151

Viscosity: 5W-30

Specification: API SN (RC), ILSAC GF-5

Oil type: Synthetic

Approvals: API SN Resource Conserving

Recommendation: Chrysler MS-6395, Fiat 9.55535-CR1, Ford WSS-M2C929-A, Ford WSS-M2C946-A, GM 6094M, Lexus, Mazda, Nissan, Subaru, Toyota

Application: Passenger car

Technology: Clean Synto®

RAVENOL SMO SAE 5W-30 Synthetic Multi Oil is synthetic low friction motor oil with CleanSynto® technology for passenger car gasoline engines with and without turbo-charging and direct injection.

RAVENOL SMO SAE 5W-30 achieves a high viscosity index through 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 SMO SAE 5W-30** contributes to protect the environment by reducing the emissions.

RAVENOL SMO SAE 5W-30 minimizes friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

Application Note

RAVENOL SMO SAE 5W-30 is suitable for demanding engines as high performance low friction engine oil. The specifications API SN Resource Conserving (RC) and ILSAC GF-5 are backward compatible with the respective previous specifications.

Characteristics

- Fuel economy in part and full power operation
- Excellent wear protection and high viscosity index also under high-speed driving conditions, the long life of the engine
- Excellent cold starting characteristics also at low temperatures below -30°C
- A safe lubricant film at high operating temperatures
- Low evaporative tendency, so lower oil consumption
- No deposits in combustion chambers, in the piston ring zone and valves
- Neutrality towards sealing materials
- Extended oil change intervals to protect natural resources

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m ³	849,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm ² /s	9,8	DIN 51562-1
Viscosity at 40 °C	mm ² /s	56,6	DIN 51562-1
Viscosity Index VI		159	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	3,07	ASTM D5481
CCS Viscosity at -30 °C	mPa*s	5700	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	17.200	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	9,6	ASTM D5800
Flashpoint	°C	236	DIN EN ISO 2592
tbn	mg KOH/g	7,4	ASTM D2896
Sulphated Ash	%wt.	0,8	DIN 51575

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