



# RAVENOL SMO SAE 5W-30



**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111151

**Viscosity:** 5W-30

**Specifications:** API SQ (RC), ILSAC GF-7A

**Oil type:** Synthetic

**Approvals:** API SQ Resource Conserving, ILSAC GF-7A

**Recommendations:** 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:** CleanSynto

**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 instructions

**RAVENOL SMO SAE 5W-30** is suitable for demanding engines as high performance low friction engine oil. The specifications API SQ Resource Conserving (RC) and ILSAC GF-7A 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

1L | 1111151-001

4L | 1111151-004

5L | 1111151-005

20L | 1111151-B20

20L | 1111151-020

60L | 1111151-060

60L | 1111151-D60

208L | 1111151-208

208L | 1111151-D28

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Sulphated Ash	%wt.	0,68	DIN 51575
tbn	mg KOH/g	7,4	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	10,3	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	60,1	DIN 51562-1
Viscosity Index VI		162	DIN ISO 2909
CCS Viscosity at -30 °C	mPa*s	5700	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	848,0	EN ISO 12185
Flashpoint	°C	236	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,16	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	18.900	ASTM D4684
Noack Volatility	% M/M	9,6	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016