



RAVENOL SMO SAE 5W-30



VISCOSITY 5W-30

SPECIFICATIONS API SN (RC) | ILSAC GF-5

FABRICATION SYNTHETIC

APPROVALS LIZENSIERT: API SN (RESOURCE CONSERVING)

RECOMMENDATIONS FORD WSS-M2C946-A, FORD WSS-M2C929-A, CHRYSLER MS-6395 | GM 6094 M | FIAT 9.55535-CR1 | NISSAN | SUBARU | TOYOTA | FORD | CHRYSLER | LEXUS | MAZDA

ART.-NR. 1111151

1 L | 1111151-001
4 L | 1111151-004
5 L | 1111151-005
20 L | 1111151-020
20 L | 1111151-B20
60 L | 1111151-060
60 L | 1111151-D60
208 L | 1111151-208
208 L | 1111151-D28
1000 L | 1111151-700

RAVENOL SMO SAE 5W-30 Synthetic Multi Oil is synthetic low friction motor oil with CleanSyntotechnology

for passenger car petrol engines with and without turbo-charging and direct

injection. Minimisation of friction, abrasion and fuel consumption, excellent

cold start characteristics. Extended oil change intervals according to

manufacturer's recommendations.

The excellent cold start characteristics provide optimal lubricant safety in the cold-running phase. Because of the noticeable fuel economy **RAVENOL SMO SAE 5W-30** contributes the reduction of pollutant

Application Notes

RAVENOL SMO SAE 5W-30 is suitable for energy-saving year-round use in modern petrol and diesel engines. The specifications API SN Resource Conserving (RC) and ILSAC GF-5 are backward compatible with the respective previous specifications.

The operating regulations of the motor vehicle and engine manufacturers are to be observed.

Characteristics

RAVENOL SMO SAE 5W-30 offers:

- 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



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	849,0	EN ISO 12185
Colour		gelbbraun	visual
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 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	27.550	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	9,6	ASTM D5800
Flash point	°C	236	DIN ISO 2592
TBN	mg KOH/g	7,4	ASTM D2896
Sulphated ash	%wt.	0,8	DIN 51 575

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.

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