



## RAVENOL SMP SAE 5W-30



ART.-NR. 1111126

1 L | 1111126-001  
4 L | 1111126-004  
5 L | 1111126-005  
20 L | 1111126-020  
20 L | 1111126-B20  
60 L | 1111126-060  
60 L | 1111126-D60  
208 L | 1111126-208  
208 L | 1111126-D28  
1000 L | 1111126-700

**VISCOSITY** 5W-30

**SPECIFICATIONS** API SN | ACEA C3

**FABRICATION** SYNTHETIC

**APPROVALS** MB-APPROVAL 229.51 | PORSCHE C30 | VW 504 00 | VW 507 00

**RECOMMENDATIONS** AUDI/VOLKSWAGEN G 052 195 M2 | AUDI/VOLKSWAGEN G 052 195 M4 | AUDI/VOLKSWAGEN G 052 195 M6 | BMW 83 21 0 398 507 | BMW/MINI 83 21 0 398 508 | CHRYSLER MS-11106 | FIAT 9.55535-S1 | MB 229.31 | MERCEDES BENZ 000 989 89 01 10 | HERSTELLERVORSCHRIFTEN BEACHTEN | BMW LONGLIFE-04

**RAVENOL SMP SAE 5W-30** is a Mid SAPS low-friction engine oil with CleanSynto® technology for passenger car gasoline and diesel engines, with and without turbocharging and direct injection.

**RAVENOL SMP SAE 5W-30** is based on synthetic base oils and contains additives with reduced ash content for use in modern passenger car with diesel and gasoline engines with excellent cold start characteristics, low oil consumption and reduced pollutant emissions. This oil will increase the DPF and TWC life. Developed for fuel economy and energy conserving in EURO VI, EURO V and EURO IV Standard engines with normal and extended oil change intervals (until 50.000 km or 2 years possible).

**RAVENOL SMP SAE 5W-30** achieved by its formulation with special base oils a high viscosity index. The excellent cold start behaviour ensures an optimal lubrication safety in the cold running phase. Because of a considerable fuel saving **RAVENOL SMP SAE 5W-30** contributes to protect the environment by reducing the emissions.

**RAVENOL SMP 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 Notes

**RAVENOL SMP SAE 5W-30** is universal fuel economy, especially formulated engine oil for modern gasoline and diesel engines with and without turbo charger in passenger cars and vans with extended oil change intervals. Extend the lifespan of the particle filter. Due to the specific composition is **RAVENOL SMP SAE 5W-30** excellent suitable for use for several of the latest OEM requirements.

## Characteristics

**RAVENOL SMP SAE 5W-30** offers:

- Fuel economy in part and full power operation
- MID SAPS = reduced Sulphated ash, Phosphor and Sulfur



- 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
- 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 because of oil conditioned
- Neutrality towards sealing materials
- Extended oil change intervals to protect natural resources



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	844,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	11,95	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	70,4	DIN 51562
Viscosity index VI		167	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	5515	ASTM D5293
Pourpoint	°C	-39	ISO 3016
Noack Volatility	% M/M	9,8	ASTM D5800
Flash point	°C	228	DIN ISO 2592
TBN	mg KOH/g	7,0	ASTM D2896
Sulphated ash	%wt.	0,8	DIN 51575

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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