



1 L | 1111127-001
4 L | 1111127-004
5 L | 1111127-005
10 L | 1111127-010
20 L | 1111127-020
20 L | 1111127-B20
60 L | 1111127-060
60 L | 1111127-D60
208 L | 1111127-208
208 L | 1111127-D28

RAVENOL SHL SAE 0W-40

Category Passenger car motor oil

Item number 1111127

Viscosity 0W-40

Specification ACEA A3/B4, API SN

Oil type Synthetic

Approvals API SN, Porsche A40, Renault RN0700, Renault RN0710, VW 502 00, VW 505 00

Recommendation BMW Longlife-01, Ford WSS-M2C937-A, MB 229.5

Technology Clean Synto®

RAVENOL SHL SAE 0W-40 is a HC (Hydrocrack) and PAO (Polyalphaolefin) based, synthetic motoroil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection.

RAVENOL SHL SAE 0W-40 provides a safe layer of lubrication even at very high operating temperatures and protects from corrosion and loss of oil through oxidation or coking. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase. By significantly reducing fuel consumption, RAVENOL SHL SAE 0W-40 helps to protect the environment by reducing emissions.

RAVENOL SHL SAE 0W-40 minimizes friction, wear and fuel consumption with excellent cold start characteristics. **RAVENOL SHL SAE 0W-40** guarantees operational safety in all driving conditions, such as extreme stop-and-go traffic as well as high-speed highway driving. Extended oil change intervals according to the manufacturer's instructions.

Application Note

RAVENOL SHL SAE 0W-40 guarantees operational safety in all driving conditions such as extreme stop-and-go traffic and high-speed highway driving.

RAVENOL SHL SAE 0W-40 is universal fuel-efficient synthetic engine oil suitable for petrol and diesel engines, with or without turbocharger, in cars and vans with the specified quality classifications.

Characteristics

- Excellent cold starting behavior
- Fuel savings for part and full load
- A very stable and excellent viscosity behavior
- Good shear stability
- A safe smear layer at very high operating

temperatures

- Excellent detergent and dispersant properties
- A broad protection against wear, corrosion and foaming
- Excellent aging stability
- Low evaporation loss
- Excellent engine cleanliness

Technical Product Data

Density at 20 °C	842,0	kg/m ³	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	13,46	mm ² /s	DIN 51562-1
Viscosity at 40 °C	75,0	mm ² /s	DIN 51562-1
Viscosity Index VI	185		DIN ISO 2909
HTHS Viscosity at 150 °C	3,84	mPa*s	ASTM D5481
CCS Viscosity at -35 °C	5950	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	28.600	mPa*s	ASTM D4684
Pourpoint	-45	°C	DIN ISO 3016
Noack Volatility	9,4	% M/M	ASTM D5800
Flashpoint	228	°C	DIN EN ISO 2592
tbn	10,46	mg KOH/g	ASTM D2896
Sulphated Ash	1,15	%wt.	DIN 51575

30.12.2021