



## RAVENOL SUPER SYNTHETIK ÖL SSL SAE 0W-40



1 L | 1111108-001  
4 L | 1111108-004  
5 L | 1111108-005  
10 L | 1111108-010  
20 L | 1111108-020  
20 L | 1111108-B20  
60 L | 1111108-060  
60 L | 1111108-D60  
208 L | 1111108-208  
208 L | 1111108-D28  
1000 L | 1111108-700

**Category** Passenger car motor oil

**Item number** 1111108

**Viscosity** 0W-40

**Specification** ACEA A3/B4, API CF

**Oil type** Vollsynthetisch

**Approvals** API SN, MB-Freigabe 226.5, MB-Freigabe 229.5, Porsche A40, Renault RN0700/RN0710, VW 502 00, VW 505 00

**Recommendation** BMW Longlife-01, Chrysler MS-10725, Chrysler MS-12633, Fiat 9.55535-M2, Ford WSS-M2C937-A, MB 229.3

**Application** Passenger car

**Technology** Clean Synto®, USVO®

**RAVENOL Super Synthetik Öl SSL SAE 0W-40** is a PAO (Polyalphaolefin) based, fully synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection.

Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil to be lubricated faster, thereby minimizing friction while keeping the engine clean and efficient.

**RAVENOL Super Synthetik Öl SSL SAE 0W-40** utilizes the positive properties of tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

With its new formulation, **RAVENOL Super Synthetik Öl SSL 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 Super Synthetik Öl SSL SAE 0W-40** helps to protect the environment by reducing

emissions. **RAVENOL Super Synthetik Öl SSL SAE 0W-40** minimizes friction, wear and fuel consumption with excellent cold start characteristics. **RAVENOL Super Synthetik Öl SSL 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 Super Synthetik Öl SSL SAE 0W-40** guarantees operational safety in all driving conditions such as extreme stop-and-go traffic and high-speed highway driving.

**RAVENOL Super Synthetik Öl SSL SAE 0W-40** is a 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

Property	Unit	Data	Audit
Colour	braun		VISUELL
Sulphated Ash	1,21	%wt.	DIN 51575
tbn	10,0	mg KOH/g	ASTM D2896
Viscosity at 100 °C	13,25	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	74,4	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	182		DIN ISO 2909
CCS Viscosity at -35 °C	4560	mPa*s	ASTM D5293
Density at 20 °C	840,0	kg/m <sup>3</sup>	EN ISO 12185
Flashpoint	236	°C	DIN EN ISO 2592
HTHS Viscosity at 150 °C	3,7	mPa*s	ASTM D5481

Property	Unit	Data	Audit
g. Pumping viscosity (MMN) at -40 °C			
Noack Volatility	8,5	% M/M	ASTM D5800
Pourpoint	-60	°C	DIN ISO 3016

04.10.2021