



# RAVENOL Super Synthetik Öl SSL SAE 0W-40



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

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111108

**Viscosity:** 0W-40

**Specification:** ACEA A3/B4, API CF, API SN Plus, API SP

**Oil type:** Full synthetic

**Approvals:** API SN Plus, API SP, MB-Freigabe 229.5, 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 226.5, MB 229.3, Porsche A40

**Application:** Passenger car

**Technology:** Clean Synto®, USVO®

**RAVENOL Super Synthetik Öl SSL SAE 0W-40** is a PAO (Polyalphaolefin) based, full 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 lubricate faster, thereby minimizing friction while keeping the engine clean and efficient.

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.

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 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           |
|---|--------------------|--------|-----------------|
| Density at 20 °C                            | kg/m <sup>3</sup>  | 842,9  | EN ISO 12185    |
| Colour                                      |                    | braun  | VISUELL         |
| Viscosity at 100 °C                         | mm <sup>2</sup> /s | 13,8   | DIN 51562-1     |
| Viscosity at 40 °C                          | mm <sup>2</sup> /s | 78,1   | DIN 51562-1     |
| Viscosity Index VI                          |                    | 182    | DIN ISO 2909    |
| HTHS Viscosity at 150 °C                    | mPa*s              | 3,7    | ASTM D5481      |
| CCS Viscosity at -35 °C                     | mPa*s              | 4560   | ASTM D5293      |
| Low Temp. Pumping viscosity (MRV) at -40 °C | mPa*s              | 21.300 | ASTM D4684      |
| Pourpoint                                   | °C                 | -60    | DIN ISO 3016    |
| Noack Volatility                            | % M/M              | 8,5    | ASTM D5800      |
| Flashpoint                                  | °C                 | 236    | DIN EN ISO 2592 |
| tbn   | mg KOH/g           | 10,0   | ASTM D2896      |
| Sulphated Ash                               | %wt.               | 1,21   | DIN 51575       |

All indicated data are approximate values and are subject to the commercial fluctuations.