



## RAVENOL SSL SAE 0W-40



### ART.-NR. 1111108

|        |             |
|--------|-------------|
| 1 L    | 1111108-001 |
| 4 L    | 1111108-004 |
| 5 L    | 1111108-005 |
| 8 L    | 1111108-008 |
| 10 L   | 1111108-010 |
| 20 L   | 1111108-020 |
| 20 L   | 1111108-B20 |
| 60 L   | 1111108-060 |
| 60 L   | 1111108-D60 |
| 208 L  | 1111108-208 |
| 1000 L | 1111108-700 |

**VISCOSITY** 0W-40

**SPECIFICATIONS** API SN | API CF | ACEA A3/B4

**FABRICATION** FULLY SYNTHETIC

**APPROVALS** MB-APPROVAL 229.5 | RENAULT RN0700 | RENAULT RN0710 | PORSCHE A40 | MB-FREIGABE 226.5 | LICENSE: API SN | VW 502 00 | VW 505 00

**RECOMMENDATIONS** MB 229.3 | CHRYSLER MS-12633 | CHRYSLER MS-10725 | FORD WSS-M2C937-A | FIAT 9.55535-M2 | BMW LONGLIFE-01

**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 Notes

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

**RAVENOL Leichtlauföl SSL 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

**RAVENOL Leichtlauföl SSL 0W-40** offers:

- 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

| Property                                   | Unit               | Data   | Audit        |
|--|--------------------|--------|--------------|
| Density at 20°C                            | kg/m <sup>3</sup>  | 840,0  | EN ISO 12185 |
| Colour                                     |                    | braun  | visual       |
| Viscosity at 100°C                         | mm <sup>2</sup> /s | 13,25  | DIN 51 562   |
| Viscosity at 40°C                          | mm <sup>2</sup> /s | 74,4   | DIN 51 562   |
| Viscosity index VI                         |                    | 182    | ISO 2909     |
| HTHS Viscosity                             | 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 D 4684  |
| Pourpoint                                  | °C                 | - 60   | ISO 3016     |
| Noack Volatility                           | % M/M              | 8,5    | ASTM D5800/b |
| Flash point                                | °C                 | 236    | ISO 2592     |



| Property       | Unit    | Data | Audit      |
|----------------|---------|------|------------|
| SDI Phatod ash | % KOH/g | 120  | ASTM D2896 |

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.

Release: : 14. January 2021