# RAVENOL LLO SAE 10W-40

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1112112

**Viscosity:** 10W-40

**Specification:** ACEA A3/B4, API SN

**Oil type:** Semi-synthetic

**Approvals:** VW 501 01, VW 505 00

**Recommendation:** BMW Special Oil, MB 229.1, Renault RN0700, VW 500 00

**Application:** Passenger car

**Technology:** Clean Synto®




**1L | 1112112-001**
**4L | 1112112-004**
**5L | 1112112-005**
**10L | 1112112-010**
**20L | 1112112-020**
**20L | 1112112-B20**
**60L | 1112112-060**
**60L | 1112112-D60**
**208L | 1112112-208**
**208L | 1112112-D28**
**1000L | 1112112-700**

**RAVENOL LLO SAE 10W-40** is a semi-synthetic high-performance light-running engine oil with CleanSynto® technology for passenger car carburetor and diesel engines with and without turbocharging and direct injection. Minimizing friction, wear and fuel consumption, excellent cold start characteristics. Extended oil change intervals according to the manufacturer's instructions.

**RAVENOL LLO SAE 10W-40** is produced on the basis of hydro crack oils which correspond to the high tech demands.

## Application Note

**RAVENOL LLO SAE 10W-40** is suitable for the use of all modern cars with Otto and Diesel engines all the year; no sludge in the motor, excellent results during the test run. A high engine cleanness is guaranteed also in case of turbo charging and a complete catalyst operation as well as multi valves and diesel direct injections.

## Characteristics

- High abrasion resistance
- Fuel saving because of easy running characteristics
- Excellent detergent and dispersant characteristics
- Prevention of black sludge creation
- Long endurance because of high oxidation stability
- An excellent cold start performance
- A very good viscosity temperature behaviour
- Low evaporation
- Suitable for catalysts

# Technical Product Data

| PROPERTY | UNIT | DATA | AUDIT |
|---|---|---|---|
| Density at 20 °C | kg/m³ | 859,0 | EN ISO 12185 |
| Colour | | gelbbraun | VISUELL |
| Viscosity at 100 °C | mm²/s | 14,1 | DIN 51562-1 |
| Viscosity at 40 °C | mm²/s | 95,9 | DIN 51562-1 |
| Viscosity Index VI | | 150 | DIN ISO 2909 |
| HTHS Viscosity at 150 °C | mPa*s | 3,96 | ASTM D5481 |
| CCS Viscosity at -25 °C | mPa*s | 6170 | ASTM D5293 |
| Low Temp. Pumping viscosity (MRV) at -30 °C | mPa*s | 29.400 | ASTM D4684 |
| Pourpoint | °C | -39 | DIN ISO 3016 |
| Noack Volatility | % M/M | 9,2 | ASTM D5800 |
| Flashpoint | °C | 226 | DIN EN ISO 2592 |
| tbn | mg KOH/g | 10,5 | ASTM D2896 |
| Sulphated Ash | %wt. | 1,3 | DIN 51575 |

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

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

05.06.2023