



# RAVENOL LLO SAE 10W-40



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

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1112112

**Viscosity:** 10W-40

**Specifications:** ACEA A3/B4, API CF, API SN

**Oil type:** Semi-synthetic

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

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

**Application:** Passenger car

**Technology:** CleanSynto

**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 instructions

**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

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Sulphated Ash	%wt.	1,23	DIN 51575
tbn	mg KOH/g	10,8	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	15,0	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	96,4	DIN 51562-1
Viscosity Index VI		164	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	4300	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	854,0	EN ISO 12185
Flashpoint	°C	226	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	4,26	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -30 °C	mPa*s	19.200	ASTM D4684
Noack Volatility	% M/M	10,5	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016