



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

RAVENOL LLO SAE 10W-40

Category Passenger car motor oil

Item number 1112112

Viscosity 10W-40

Specification ACEA A3/B4, API SN

Oil type Semi-Synthetic

Approvals MB-Freigabe 229.1, VW 501 01 / 505 00

Recommendation BMW Special Oil, VW 500 00

Application Passenger car

Technology Clean Synto®

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

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

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