



- 1 L | 1111132-001
- 4 L | 1111132-004
- 5 L | 1111132-005
- 10 L | 1111132-010
- 20 L | 1111132-020
- 20 L | 1111132-B20
- 60 L | 1111132-060
- 60 L | 1111132-D60
- 208 L | 1111132-208
- 208 L | 1111132-D28
- 1000 L | 1111132-700

## RAVENOL VDL SAE 5W-40

**Category** Passenger car motor oil

**Item number** 1111132

**Viscosity** 5W-40

**Specification** ACEA B3/B4, API CF

**Oil type** Fully synthetic

**Recommendation** Synthetic, Fiat 9.55535-M2, MB 229.3, Mitsubishi, Nissan, Opel/GM-LL-B-025, Toyota Common Rail, VW 505 00

**Application** Passenger car

**Technology** Clean Synto®

**RAVENOL VDL SAE 5W-40** is a fully synthetic, low-friction engine oil with CleanSynto® Technology for passenger car diesel engines with or without turbo-charging and direct injection.

**RAVENOL VDL SAE 5W-40** achieves a high viscosity index through its formulation with special base oils. The excellent cold start behaviour provides an optimum lubricating safety during the cold run phase.

Because of a considerable fuel saving **RAVENOL VDL SAE 5W-40** contributes to protect the environment by reducing the emissions.

**RAVENOL VDL SAE 5W-40** minimizes friction, wear and fuel consumption with excellent cold start characteristics.

Suitable for extended oil change intervals where recommended by manufacturer.

### Application Note

**RAVENOL VDL SAE 5W-40** is ideally suited for energy-saving year-round use in passenger car diesel engines with turbocharger and catalytic converter operation.

**RAVENOL VDL SAE 5W-40** guarantees operational safety in all driving conditions, such as extreme stop-and-go traffic as well as high-speed highway driving.

### Characteristics

- High abrasion resistance.
- Fuel economy by low friction property.
- Excellent detergent and dispersant property.
- Prevention of black sludge formation.
- Extended endurance because of oxidation stability.
- Excellent cold start characteristics.
- Excellent viscosity-temperature- characteristics.

- Low evaporation tendency.
- Suitable for catalysts.

## Technical Product Data

Density at 20 °C	849,0	kg/m <sup>3</sup>	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	14,4	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	87,7	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	170		DIN ISO 2909
HTHS Viscosity at 150 °C	4,1	mPa*s	ASTM D5481
CCS Viscosity at -30 °C	6110	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	25.000	mPa*s	ASTM D4684
Pourpoint	-45	°C	DIN ISO 3016
Noack Volatility	9,0	% M/M	ASTM D5800
Flashpoint	240	°C	DIN EN ISO 2592
tbn	9,5	mg KOH/g	ASTM D2896
Sulphated Ash	1,3	%wt.	DIN 51575

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

18.02.2022