



# RAVENOL VDL SAE 5W-40



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

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111132

**Viscosity:** 5W-40

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

**Oil type:** Fully synthetic

**Recommendation:** BMW Longlife-98, 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

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

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

25.08.2022