



1 L | 1111132-001
4 L | 1111132-004
5 L | 1111132-005
10 L | 1111132-010
20 L | 1111132-020
20 L | 1111132-B20
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 Vollsynthetisch

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
Colour	braun		VISUELL
Sulphated Ash	1,3	%wt.	DIN 51575
tbn	9,5	mg KOH/g	ASTM D2896
Viscosity at 100 °C	14,4	mm²/s	DIN 51562-1
Viscosity at 40 °C	87,7	mm²/s	DIN 51562-1
Viscosity Index VI	170		DIN ISO 2909
CCS Viscosity at -30 °C	6110	mPa*s	ASTM D5293
Density at 20 °C	849,0	kg/m³	EN ISO 12185
Flashpoint	240	°C	DIN EN ISO 2592
HTHS Viscosity at 150 °C	4,1	mPa*s	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	25.000	mPa*s	ASTM D4684
Noack Volatility	9,0	% M/M	ASTM D5800
Pourpoint	-45	°C	DIN ISO 3016

05.10.2021