



# RAVENOL VSI SAE 5W-40



**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111130

**Viscosity:** 5W-40

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

**Oil type:** Full synthetic

**Approvals:** API SN Plus, API SP, MB -Freigabe 229.3, Porsche A40, Renault RN0700, Renault RN0710, VW 502 00, VW 505 00

**Recommendations:** BMW Longlife-01, Chrysler MS-10850, Chrysler MS-10896, Fiat 9.55535-H2, MB 226.5, Opel/GM -LL-B-025, PSA B71 2296

**Application:** Passenger car

**Technology:** CleanSynto

**RAVENOL VSI SAE 5W-40** is a PAO (Polyalphaolefin) based, full synthetic motor oil with proven CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection.

With its formulation, **RAVENOL VSI SAE 5W-40** provides a safe layer of lubrication even at very high operating temperatures and protects from corrosion and loss of oil through oxidation or coking. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase.

By significantly reducing fuel consumption, **RAVENOL VSI SAE 5W-40** helps to protect the environment by reducing emissions. It guarantees operational safety in all driving conditions, such as extreme stop-and-go traffic as well as high-speed highway driving.

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

Extended oil change intervals according to the manufacturer's instructions.

- 1L | 1111130-001
- 4L | 1111130-004
- 5L | 1111130-005
- 10L | 1111130-010
- 20L | 1111130-020
- 20L | 1111130-B20
- 60L | 1111130-060
- 60L | 1111130-D60
- 208L | 1111130-208
- 208L | 1111130-D28
- 1000L | 1111130-700

## Application instructions

**RAVENOL VSI SAE 5W-40** is suitable for the energy saving operation all the year of all modern cars with petrol and diesel engines and was specially developed for turbo chargers as well as the catalytic operation.

## 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.
- Excellent cold start performance.
- Very good viscosity temperature behaviour.
- Low evaporation.
- Suitable for catalysts.

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Sulphated Ash	%wt.	1,39	DIN 51575
tbn	mg KOH/g	10,0	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	14,5	DIN 51659-2
Viscosity at 40 °C	mm <sup>2</sup> /s	87,6	DIN 51659-2
Viscosity Index VI		172	DIN ISO 2909
CCS Viscosity at -30 °C	mPa*s	4220	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	843,0	EN ISO 12185
Flashpoint	°C	238	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,84	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	18.600	ASTM D4684
Noack Volatility	% M/M	6,9	ASTM D5800
Pourpoint	°C	-51	DIN ISO 3016