



## RAVENOL VOLLSYNTH TURBO VST SAE 5W-40



1 L | 1111136-001  
4 L | 1111136-004  
5 L | 1111136-005  
10 L | 1111136-010  
20 L | 1111136-020  
20 L | 1111136-B20  
60 L | 1111136-060  
60 L | 1111136-D60  
208 L | 1111136-208  
208 L | 1111136-D28  
1000 L | 1111136-700

**Category** Passenger car motor oil

**Item number** 1111136

**Viscosity** 5W-40

**Specification** ACEA A3/B4, API CF, API SN

**Oil type** Fully synthetic

**Approvals** API SN, BMW Longlife-01, MB-Freigabe 229.5, Porsche A40, Renault RN0700/RN0710, VW 502 00, VW 505 00

**Recommendation** Chrysler MS-10725, Chrysler MS-10850, Chrysler MS-12991 (MS-10896), Fiat 9.55535-GH2, Fiat 9.55535-Z2, MB 226.5, MB 229.3, Opel/GM-LL-B-025, PSA B71 2296

**Application** Passenger car

**Technology** Clean Synto®, USVO®

**RAVENOL VollSynth Turbo VST SAE 5W-40** is a PAO (Polyalphaolefin) based, fully synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection.

Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil to be lubricated faster, thereby minimizing friction while keeping the engine clean and efficient.

**RAVENOL VollSynth Turbo VST SAE 5W-40** utilizes the positive properties of tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

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

**RAVENOL VollSynth Turbo VST SAE 5W-40** guarantees operational safety concerning all driving conditions as for example regarding extreme stop and go traffic as well as high speed drives on motorways.

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

## Application Note

**RAVENOL VollSynth Turbo VST SAE 5W-40** is suitable for the energy saving operation all the year of all modern cars with petrol and diesel engines in passenger cars, vans, small transporters and similar vehicles 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

Density at 20 °C	848,0	kg/m <sup>3</sup>	EN ISO 12185
Colour	gelbbraun		VISUELL
Viscosity at 100 °C	13,9	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	82,5	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	174		DIN ISO 2909
HTHS Viscosity at 150 °C	3,9	mPa*s	ASTM D5481
CCS Viscosity at -30 °C	4700	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	13.900	mPa*s	ASTM D4684
Pourpoint	-51	°C	DIN ISO 3016
Noack Volatility	7,3	% M/M	ASTM D5800
Flashpoint	236	°C	DIN EN ISO 2592
tbn	10,5	mg KOH/g	ASTM D2896
Sulphated Ash	1,1	%wt.	DIN 51575

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

17.02.2022