



## RAVENOL VollSynth Turbo VST SAE 5W-40

RAVENOL VollSynth Turbo VST SAE 5W-40 is a fully synthetic low friction motor oil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Minimises friction, wear and fuel consumption with excellent cold start characteristics. Extended oil change intervals according to manufacturers recommendation.

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.

### Application Notes

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.

### Quality Classifications

#### Specifications

API SN/CF, ACEA A3/B4

#### Approvals

MB-Approval 229.5, Porsche A40, VW 502 00 / 505 00, License: API SN

#### Practice and tested in aggregates with filling

Opel GM-LL-B-025, Renault RN0700 / RN0710, BMW Longlife 01, Fiat 9.55535-Z2, Chrysler MS-12991 (replaces references to MS-10896), MS-10850, MS-10725 (Fiat 9.55535-GH2 and Fiat 9.55535-Z2)

### Characteristic

RAVENOL VollSynth Turbo VST SAE 5W-40 offers:

- 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

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m <sup>3</sup>	847	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	82,27	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,81	DIN 51 562
Viscosity index VI		173	DIN ISO 2909
Viscosity at -30°C	mPa.s	4250	ASTM D5293
Flash point (COC)	°C	240	DIN ISO 2592
Pourpoint	°C	-50	DIN ISO 3016
TBN	mg KOH/g	10,5	DIN ISO 3771
Sulphated ash	%wt.	1,15	DIN 51 575
Noack Volatility	%	8,5	ASTM D5800/b

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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