



RAVENOL HST SAE 5W-40



VISCOSITY 5W-40

SPECIFICATIONS API SN | API CF

FABRICATION SYNTHETIC

APPROVALS MB-APPROVAL 229.5 | BMW LONGLIFE-01 | RENAULT RN0700 | RENAULT RN0710 | VW 502 00 | VW 505 00 | PORSCHE A40

RECOMMENDATIONS MB 229.3 | MB 226.5 | OPEL GM-LL-B-025 | FIAT 9.55535-Z2 | CHRYSLER MS-12991, MS-10850, MS-10725 | PSA B71 2296

ART.-NR. 1111147

1 L	1111147-001
4 L	1111147-004
5 L	1111147-005
20 L	1111147-020
20 L	1111147-B20
60 L	1111147-060
60 L	1111147-D60
208 L	1111147-208
208 L	1111147-D28
1000 L	1111147-700

RAVENOL HST SAE 5W-40 is a motor oil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection, formulated with synthetic base oils. Minimises friction, wear and fuel consumption with excellent cold start characteristics. Extended oil change intervals according to manufacturer's recommendation.

RAVENOL HST 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 HST 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

RAVENOL HST 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 catalyts



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	847,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm ² /s	13,9	DIN 51562-1
Viscosity at 40°C	mm ² /s	84,1	DIN 51562-1
Viscosity index VI		171	DIN ISO 2909
HTHS at 150°C	mPa*s	3,65	ASTM D5481
CCS Viscosity at -30°C	mPa*s	5480	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	25.000	ASTM D 4684
Pourpoint	°C	-42	DIN ISO 3016
Noack Volatility	% M/M	7,4	ASTM D5800/b
Flash point	°C	240	DIN ISO 2592
TBN	mg KOH/g	10,0	ASTM D2896
Sulphated ash	%wt.	1,08	DIN 51 575

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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