



1 L | 1111147-001
4 L | 1111147-004
5 L | 1111147-005
10 L | 1111147-010
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

Category Passenger car motor oil

Item number 1111147

Viscosity 5W-40

Specification ACEA A3/B4, API CF

Oil type Synthetic

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

RAVENOL HST SAE 5W-40 is an engine oil with CleanSynto® technology for passenger car gasoline and diesel engines with and without turbo-charging and direct injection, formulated with synthetic base oils.

RAVENOL HST 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 HST SAE 5W-40** contributes to protect the environment by reducing the emissions.

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

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.

Suitable for extended oil change intervals where recommended by manufacturer.

Application Note

RAVENOL HST SAE 5W-40 is suitable for the energy saving operation year-round of all modern cars with gasoline 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	847,0	kg/m ³	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	13,9	mm ² /s	DIN 51562-1
Viscosity at 40 °C	84,1	mm ² /s	DIN 51562-1
Viscosity Index VI	171		DIN ISO 2909
HTHS Viscosity at 150 °C	3,65	mPa*s	ASTM D5481
CCS Viscosity at -30 °C	5480	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	25.000	mPa*s	ASTM D4684
Pourpoint	-42	°C	DIN ISO 3016
Noack Volatility	7,4	% M/M	ASTM D5800
Flashpoint	240	°C	DIN EN ISO 2592
tbn	10,0	mg KOH/g	ASTM D2896
Sulphated Ash	1,08	%wt.	DIN 51575

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