



RAVENOL HCS SAE 5W-40

Hydrocrack

RAVENOL HCS SAE 5W-40 is a synthetic high performance low friction oil, which ensures the fuel efficient motors operation. Hydrocrack oils and innovative additives, matched them to allow the compliance of the actual practice requirements. The extremely low cold viscosity with the safer high-temperature viscosity ensures a high fuel efficient potential.

RAVENOL HCS SAE 5W-40 corresponds the high-tech-claims of the youngest efficient motor generations and is suitable for extended oil change intervals.

Application Notes

RAVENOL HCS SAE 5W-40 is suitable for an energy saving all year use for all modern passenger car gasoline and diesel engines, including turbo versions and for direct injection motors and also recommended for all operation conditions.

Quality Classifications

Specifications

ACEA A3/B4, API SM/SL/CF

Approvals

MB 229.3, BMW Longlife-98, Renault RN0700, Renault RN0710, License: API SM, API SL

Practice and tested in aggregates with filling

VW 502 00/505 00, Opel GM-LL-B-025, Porsche, Chrysler MS-10850, MS-10896

Characteristic

RAVENOL HCS SAE 5W-40 offers:

- High protection against wear
- Fuel economy by low friction property
- Excellent detergent- and dispersant property
- Prevention of black sludge formation
- Improved cleaner engine
- Extended lifetime because of oxidation stability
- Excellent cold starting characteristics
- Excellent viscosity-temperature- characteristics
- Low evaporation tendency
- Catalyst cleaning

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m ³	846	EN ISO 12185
Viscosity at 40°C	mm ² /s	89,3	DIN 51 562
Viscosity at 100°C	mm ² /s	14,1	DIN 51 562
Viscosity index VI		163	DIN ISO 2909
Flash point (COC)	°C	210	DIN ISO 2592
Pourpoint	°C	-40	DIN ISO 3016
TBN	mg KOH/g	11,0	DIN ISO 3771
Sulphated ash	%wt.	1,0	DIN 51 575

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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