RAVENOL HCS SAE 5W-40

Category Passenger car motor oil

Item number 1112105

Viscosity 5W-40

Specification ACEA A3/B4, API CF, API SN

Oil type Synthetic

Approvals API SN, MB-Freigabe 229.3, Renault RN0700/RN0710, VW 502 00 / 505 00

Recommendation BMW Longlife-01, Chrysler MS-10850, Chrysler MS-10896, Fiat 9.55535-H2, MB 226.5, MB 229.5, Opel GM-LL-B-025, Porsche A40, PSA B71 2296

Application Passenger car

Technology Clean Synto®

RAVENOL HCS SAE 5W-40 is synthetic high performance motor oil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Formulated to minimise friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

1 L | 1112105-001
4 L | 1112105-004
5 L | 1112105-005
5 L | 1112105-A05
10 L | 1112105-010
20 L | 1112105-020
20 L | 1112105-B20
60 L | 1112105-060
60 L | 1112105-D60
208 L | 1112105-208
208 L | 1112105-D28
1000 L | 1112105-700

Application Note

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.

Characteristics

- 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

Technical Product Data

Density at 20 °C	849,0	kg/m³	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	14,4	mm²/s	DIN 51562-1

Viscosity at 40 °C	87,5	mm²/s	DIN 51562-1
Viscosity Index VI	171		DIN ISO 2909
HTHS Viscosity at 150 °C	4,1	mPa*s	ASTM D5481
CCS Viscosity at -30 °C	5370	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	28.500	mPa*s	ASTM D4684
Pourpoint	-42	°C	DIN ISO 3016
Noack Volatility	8,4	% M/M	ASTM D5800
Flashpoint	232	°C	DIN EN ISO 2592
tbn	10,4	mg KOH/g	ASTM D2896
Sulphated Ash	1,26	%wt.	DIN 51575

15.11.2021