



RAVENOL HDX SAE 5W-30



Kategorie: Passenger car motor oil

Artikelnummer: 1111125

Viscosity: 5W-30

Specifications: API SQ (RC), ILSAC GF-7A

Oil type: Synthetic

Approvals: API SQ Resource Conserving, GM dexos1™ Gen 3 (Lizenz-Nr. D335ABDJ081), ILSAC GF-7A

Recommendations: Chrysler MS-13340, Chrysler MS-6395, Fiat 9.55535-CR1, Ford WSS-M2C929-A, Ford WSS-M2C946-A, Ford WSS-M2C946-B1, Ford WSS-M2C961-A1, Honda/Acura HTO-06, Opel OV 040 1547 - G30, VWC 53034

Application: Passenger car

Technology: CleanSynto

RAVENOL HDX SAE 5W-30 is a synthetic, low-friction engine oil with CleanSynto® technology for car gasoline engines, with and without turbocharging and direct injection, such as Turbo-GDI and direct injection.

With its new formulation, **RAVENOL HDX SAE 5W-30** provides a safe layer of lubrication even at very high operating temperatures and protects from corrosion and loss of oil through oxidation or coking.

RAVENOL HDX SAE 5W-30 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 HDX SAE 5W-30** contributes to protect the environment by reducing the emissions.

RAVENOL HDX SAE 5W-30 minimizes friction, wear and fuel consumption with excellent cold start characteristics.

RAVENOL HDX SAE 5W-30 helps to avoid low speed pre-ignition LSPI (Low Speed ??Pre-ignition). This can help avoid engine damage.

Suitable for extended oil change intervals where recommended by manufacturer.

Application instructions

RAVENOL HDX SAE 5W-30 is a high-performance low-friction engine oil for modern engines. It is recommended by OPEL/GENERAL MOTORS corresponding to dexos1 specification for modern car engines under all operating conditions.

RAVENOL HDX SAE 5W-30 is also suitable for the shown specifications of Ford, Chrysler and Fiat.

Characteristics

- Fuel savings in partial and full load operation
- Outstanding wear protection and high viscosity index ensure engine longevity, even under high-speed driving conditions
- Excellent cold-start properties even at low temperatures below -25°C

- A safe lubricating film at high operating temperatures
- Low evaporation tendency, thus low oil consumption
- No oil-based deposits in combustion chambers, in the piston ring zone and on valves
- Neutrality towards sealing materials
- Extended oil change intervals protect natural resources

Technical Product Data

| CHARACTERISTICS | PROPERTY | DATA | AUDIT |
|---|--------------------|-----------|-----------------|
| Colour | | gelbbraun | VISUELL |
| Sulphated Ash | %wt. | 0,86 | DIN 51575 |
| tbn | mg KOH/g | 7,8 | ASTM D2896 |
| Viscosity at 100 °C | mm ² /s | 10,8 | DIN 51659-2 |
| Viscosity at 40 °C | mm ² /s | 59,8 | DIN 51659-2 |
| Viscosity Index VI | | 173 | DIN ISO 2909 |
| CCS Viscosity at -30 °C | mPa*s | 3630 | ASTM D5293 |
| Density at 20 °C | kg/m ³ | 844,0 | EN ISO 12185 |
| Flashpoint | °C | 240 | DIN EN ISO 2592 |
| HTHS Viscosity at 150 °C | mPa*s | 3,4 | ASTM D5481 |
| Low Temp. Pumping viscosity (MRV) at -35 °C | mPa*s | 13.500 | ASTM D4684 |
| Noack Volatility | % M/M | 8,1 | ASTM D5800 |
| Pourpoint | °C | -45 | DIN ISO 3016 |