RAVENOL DFE SAE 0W-20

Kategorie: Passenger car motor oil

Artikelnummer: 1111109

Viscosity: 0W-20

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

Oil type: Full synthetic

Approvals: API SQ Resource Conserving, GM dexos1™ Gen 3 (Lizenz-Nr. D335BADJ081), ILSAC GF-7A

Recommendations: Chrysler MS-13340, Chrysler MS-6395, Ford WSS-M2C947-A, Ford WSS-M2C947-B1

Application: Passenger car

Technology: CleanSynto, USVO



1L | 1111109-001
4L | 1111109-004
5L | 1111109-005
10L | 1111109-010
20L | 1111109-020
20L | 1111109-B20
60L | 1111109-060
60L | 1111109-D60
208L | 1111109-208
208L | 1111109-D28
1000L | 1111109-700

RAVENOL DFE SAE 0W-20 is a PAO (Polyalphaolefin) based, full synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol engines with and without turbo-charging and direct injection.

Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil lubricate faster, thereby minimizing friction while keeping the engine clean and efficient.

RAVENOL DFE SAE 0W-20 ensures the prevention of premature fuel ignition LSPI (Low Speed ??Pre-ignition), thus avoiding engine damage. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase.

By significantly reducing fuel consumption, **RAVENOL DFE SAE 0W-20** helps to protect the environment by reducing emissions.

RAVENOL DFE SAE 0W-20 minimizes friction, wear and fuel consumption with excellent cold start characteristics.

Extended oil change intervals according to the manufacturer 's instructions.

Application instructions

RAVENOL DFE SAE 0W-20 is suitable as a high-performance light-running engine oil for demanding engines. It is recommended for modern passenger car engines from OPEL, GENERAL MOTORS, Chevrolet, Daewoo and Holden according to Dexos1 specification under all operating conditions.

RAVENOL DFE SAE 0W-20 is also applicable to the specified specifications of Ford and Chrysler and suitable for use in hybrid vehicles from various manufacturers.

Characteristics

- Fuel savings in partial and full load operation.

- LowSAPS = Low sulfate ash, phosphorus and sulfur.
- Very stable and excellent viscosity behavior.
- Excellent shear stability.
- Very good cold start characteristics.
- A safe lubrication film at very high operating temperatures.
- Very good detergents and dispersing properties.
- Very good wear and corrosion protection.
- Protection from foam formation.
- Excellent detergent and dispersant properties.
- Long life due to high oxidation stability.
- Catalyst suitability.
- Ideal for hybrid vehicles.

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Sulphated Ash	%wt.	0,8	DIN 51575
tbn	mg KOH/g	7,8	ASTM D2896
Viscosity at 100 °C	mm^2/s	8,93	DIN 51659-2
Viscosity at 40 °C	mm^2/s	50,5	DIN 51659-2
Viscosity Index VI		158	DIN ISO 2909
CCS Viscosity at -35 °C	mPa*s	5400	ASTM D5293
Density at 20 °C	kg/m^3	840,0	EN ISO 12185
Flashpoint	°C	248	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	2,78	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	14.600	ASTM D4684
Noack Volatility	% M/M	5,9	ASTM D5800
Pourpoint	°C	-63	DIN ISO 3016