RAVENOL VMO SAE 5W-40

Kategorie: Passenger car motor oil

Artikelnummer: 1111133

Viscosity: 5W-40

Specifications: ACEA C3, API CF, API SN Plus, API SP

Oil type: Synthetic

Approvals: API SN Plus, API SP, BMW Longlife-04, GM dexos2™ (Lizenz-Nr. D20583HI081), MB -Freigabe 229.31, MB -Freigabe 229.51

Recommendations: Chrysler MS-11106, Fiat 9.55535-GH2, Fiat 9.55535-S2, Ford WSS-M2C917-A, MB 226.5, MB 229.52, Opel OV 040 1547 - D40, Opel OV 040 1547 - G40, Porsche C40, Stellantis FPW9.55535/09, Renault RN0700, Renault RN0710, VW 501 00, VW 502 00, VW 505 01

Application: Passenger car

Technology: CleanSynto



1L | 1111133-001
4L | 1111133-004
5L | 1111133-005
10L | 1111133-010
20L | 1111133-020
20L | 1111133-B20
60L | 1111133-060
60L | 1111133-D60
208L | 1111133-208
208L | 1111133-D28
1000L | 1111133-700

RAVENOL VMO SAE 5W-40 is a synthetic Mid SAPS low friction motor oil with CleanSynto® technology for passenger car gasoline and diesel engines with and without turbo-charging and direct injection.

RAVENOL VMO 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.

RAVENOL VMO SAE 5W-40 extends long life of DPF and TWC. Developed for fuel economy and energy conserving in EURO VI, EURO V and EURO IV Standard engines with normal and extended oil change intervals (until 50.000 km or 2 years possible).

RAVENOL VMO SAE 5W-40 minimizes friction, wear and fuel consumption with excellent cold start characteristics. Because of a considerable fuel saving **RAVENOL VMO SAE 5W-40** contributes to protect the environment by reducing the emissions.

Suitable for extended oil change intervals where recommended by manufacturer.

Application instructions

RAVENOL VMO SAE 5W-40 is an universal, synthetic low friction motor oil especially developed for Pumpe-Düse-diesel engines. Moreover, this lubricant is excellent suitable for gasoline and diesel engines in passenger cars and vans with and without turbo charger. Due to the specific composition is **RAVENOL VMO SAE 5W-40** excellent suitable for use for several OEM requirements.

Characteristics

- Fuel economy in part and full power operation.
- MID SAPS = reduced Sulphated Ash, Phosphorous and Sulphur.
- Excellent wear protection and high viscosity index also under high-speed driving conditions, the long life of the engine.
- Excellent cold starting characteristics also at low temperatures below -30°C.

- The function of the hydro tappet is ensure at all temperatures.
- A safe lubricant film at high operating temperatures.
- Low evaporative tendency, so lower oil consumption.
- No deposits in combustion chambers, in the piston ring zone and valves because of oil conditioned.
- Neutrality towards sealing materials.
- Extended oil change intervals to protect natural resources.

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Sulphated Ash	%wt.	0,77	DIN 51575
tbn	mg KOH/g	9,8	ASTM D2896
Viscosity at 100 °C	mm²/s	13,3	DIN 51659-2
Viscosity at 40 °C	mm²/s	80,0	DIN 51659-2
Viscosity Index VI		170	DIN ISO 2909
CCS Viscosity at -30 °C	mPa*s	5900	ASTM D5293
Density at 20 °C	kg/m³	848,0	EN ISO 12185
Flashpoint	°C	242	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,75	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	24.100	ASTM D4684
Noack Volatility	% M/M	8,8	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016