RAVENOL FES SAE 0W-30

Kategorie: Passenger car motor oil

Artikelnummer: 1111146

Viscosity: 0W-30

Specification: ACEA A5/B5, ACEA C2, API SP (RC), ILSAC GF-6A

Oil type: Full synthetic

Approvals: BMW Longlife-12FE, DTFR 15D100 (MB 227.61), MB-Freigabe 229.61

Recommendation: Chrysler MS-13340, Fiat 9.55535-DS1, Fiat 9.55535-GS1, Ford WSS-M2C950-A, IVECO 18-1811 CLASSE SC1 LV, Jaguar Land Rover STJLR.03.5007, MB 227.61, PSA B71 2290, PSA B71 2312

Application: Passenger car

Technology: Clean Synto®, USVO®

1L | 1111146-001
4L | 1111146-004
5L | 1111146-005
10L | 1111146-010
20L | 1111146-020
20L | 1111146-B20
60L | 1111146-060
60L | 1111146-D60
208L | 1111146-208
208L | 1111146-D28
1000L | 1111146-700

RAVENOL FES SAE 0W-30 is a PAO (Polyalphaolefin) based, full synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol and diesel 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 FES SAE 0W-30 is based on additives with low ash content for use in modern passenger car with diesel and gasoline engines with excellent cold start characteristics, low oil consumption and reduced pollutant emissions. This oil will increase the DPF and TWC life. HTHS >2,9mPa.s. Developed for fuel economy especially for the latest petrol and diesel engines of BMW, PSA, FIAT, IVECO and Jaguar Land Rover.

With its new formulation, **RAVENOL FES SAE 0W-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. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase.

By significantly reducing fuel consumption, **RAVENOL FES SAE 0W-30** helps to protect the environment by reducing emissions.

RAVENOL FES SAE 0W-30 minimizes friction, wear and fuel consumption with excellent cold start characteristics.

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

Application Note

RAVENOL FES SAE 0W-30 is a universal fuel economy, especially designed engine oil for modern gasoline and diesel engines with and without turbo charger in passenger cars and vans with extended oil change intervals of BMW, PSA, FIAT, IVECO and Jaguar Land Rover. Extends the lifespan of the particle filter.

Due to the specific composition is **RAVENOL FES SAE 0W-30** excellent suitable for use for indicated OEM requirements.

Characteristics

- Fuel economy in part and full power operation
- 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
- 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

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	844,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm²/s	9,4	DIN 51562-1
Viscosity at 40 °C	mm²/s	47,3	DIN 51562-1
Viscosity Index VI		186	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	3,0	ASTM D5481
CCS Viscosity at -35 °C	mPa*s	4800	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	12.300	ASTM D4684
Pourpoint	°C	-57	DIN ISO 3016
Noack Volatility	% M/M	9,0	ASTM D5800
Flashpoint	°C	236	DIN EN ISO 2592
tbn	mg KOH/g	9,4	ASTM D2896
Sulphated Ash	%wt.	0,76	DIN 51575

All indicated data are approximate values and are subject to the commercial fluctuations.