

RAVENOL MVB SAE 5W-30

Art. 1111304

FULLY SYNTHETIC

CleanSynto®

Description:

RAVENOL MVB SAE 5W-30 is a fully synthetic, fuel economy low friction motor oil with CleanSynto® and Mid SAPS Technology for latest petrol and diesel passenger cars with and without turbo charging in passenger cars and transporters with extended oil change.

RAVENOL MVB SAE 5W-30 is based on additives with reduced 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. Developed for fuel economy and energy conserving in EURO IV and EURO V Standard engines with normal and extended oil change intervals (until 50.000 km or 2 years possible).

RAVENOL MVB SAE 5W-30 achieved by its formulation with special base oils a high viscosity index. The excellent cold start behaviour ensures a optimal lubrication safety in the cold running phase.

Due to a significant fuel economy **RAVENOL MVB SAE 5W-30** contributes by reduction of emissions to conservation the environment. Minimal wear extends the lifespan of the engine.

Application Directions:

RAVENOL MVB SAE 5W-30 is a universal fuel economy, especially collected engine oil for modern gasoline and diesel engines with and without turbo charger in passenger cars and vans with extended oil change intervals. Extend the lifespan of the particle filter. Due to the specific composition is **RAVENOL MVB SAE 5W-30** excellent suitable for use for several of the latest OEM requirements.

Quality Classification:

RAVENOL MVB SAE 5W-30 is approved, tried and tested for aggregates specifying:

Specifications: API SN, ACEA C3

Recommendations: MB 229.51, MB 229.31, BMW Longlife-04, VW 504 00 / 507 00, Porsche C30, Fiat 9.55535-S1, Audi/Volkswagen G 052 195 M2, G 052 195 M4, G 052 195 M6, BMW 83 21 0 398 507, BMW/Mini 83 21 0 398 508, Mercedes Benz 000 989 89 01 10, Chrysler MS-11116

Technical Characteristics:

RAVENOL MVB SAE 5W-30 offers:

- Fuel economy in part and full power operation
- MID SAPS = reduced Sulphated ash, Phosphor and Sulfur
- 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 -25°C
- 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

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m ³	844,0	EN ISO 12185
Colour		mid brown	visual
Viscosity at 100°C	mm ² /s	12,09	DIN 51562-1
Viscosity at 40°C	mm ² /s	71,2	DIN 51562-1
Viscosity Index VI		168	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	5300	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	19.200	ASTM D4684
Pourpoint	°C	-40	DIN ISO 3016
Noack Volatility	% M/M	9,8	ASTM D5800
Flashpoint	°C	235	DIN ISO 2592
TBN	mg KOH/g	6,6	ASTM D2896
Sulphated ash	%wt.	0,7	DIN 51575

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