

- Certificate / Product Information -

RAVENOL TSJ SAE 10W-30

Art. 1112106

SEMI SYNTHETIC

CleanSynto®

Description:

RAVENOL TSJ SAE 10W-30 is a semi-synthetic low friction motor oil with CleanSynto® technology with polyalphaolefin for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Formulated to minimise friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

RAVENOL TSJ SAE 10W-30 is especially produced for the use in cars of Japanese and Asian manufacturers.

Application Directions:

RAVENOL TSJ SAE 10W-30 is suitable for the use in all modern cars of Japanese and Asian manufacturers all the year.

Quality Classification:

RAVENOL TSJ SAE 10W-30 is approved, tried and tested for aggregates specifying:

Specification: API SP (RC), API SN Plus; ILSAC GF-6A

License: API SP Resource Conserving, API SN Plus; ILSAC GF-6A

Recommendations: Toyota, Nissan, Honda, Mitsubishi, Mazda, Suzuki, Isuzu, Subaru, Daihatsu, KIA, Hyundai, SsangYong, Daewoo, Fiat 9.55535-CR1, Chrysler MS-6395

Technical Characteristics:

RAVENOL TSJ SAE 10W-30 offers:

- An universal use in all modern petrol and diesel engines
- A quick lubrication of the engine even at low temperatures
- A low evaporation tendency, therefore a low oil consumption
- Safety against sludge accumulations, cokings and corrosion even under unfavourable operating conditions
- Guarantee of the function of the hydro tappets at all temperatures
- No oil limited deposits in combustion chambers, at the piston ring and valves
- Unchanged viscosity during the whole oil change interval, a high viscosity index
- Neutral behaviour against sealing materials

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m ³	858,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm ² /s	10,2	DIN 51562-1
Viscosity at 40°C	mm ² /s	64,3	DIN 51562-1
Viscosity Index VI		145	DIN ISO 2909
HTHS Viscosity at 150°C	mPa*s	3,11	ASTM D5481
CCS Viscosity at -25°C	mPa*s	4830	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -30°C	mPa*s	14.000	ASTM D4684
Pourpoint	°C	-33	DIN ISO 3016
Noack Volatility	%wt.	7,7	ASTM D5800
Flashpoint	°C	232	DIN ISO 2592
TBN	mg KOH/g	8,6	ASTM D2896
Sulphated ash	%wt.	0,87	DIN 51575

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