



RAVENOL TSJ SAE 10W-30



ART.-NR. 1112106

1 L | 1112106-001
4 L | 1112106-004
5 L | 1112106-005
20 L | 1112106-020
20 L | 1112106-B20
60 L | 1112106-060
60 L | 1112106-D60
208 L | 1112106-208
208 L | 1112106-D28
1000 L | 1112106-700

VISCOSITY 10W-30

SPECIFICATIONS API SN | API CF | ILSAC GF-5 | ACEA A3 | ACEA B4

FABRICATION SEMI-SYNTHETIC

RECOMMENDATIONS TOYOTA | HONDA | MITSUBISHI | MAZDA | SUZUKI
| ISUZU | SUBARU | DAIHATSU | KIA | HYUNDAI | SSANGYONG | DAEWOO
| FIAT 9.55535-CR1 | CHRYSLER MS-6395

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 Notes

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

Classifications

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

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



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	858	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm ² /s	10,2	DIN 51 562
Viscosity at 40°C	mm ² /s	64,3	DIN 51 562
Viscosity index VI		145	DIN ISO 2909
HTHS at 150°C	mPa*s	3,11	ASTM D5481
CCS Viscosity at -30°C	mPa*s	4830	ASTM D5293
Low Temp. Pumping viscosity (MRV) -35°C	mPa*s	14.000	ASTM D 4684
Pourpoint	°C	-33	DIN ISO 3016
Noack Volatility	% M/M	7,7	ASTM D5800
Flash point (COC)	°C	232	DIN ISO 2592
TBN	mg KOH/g	8,6	ASTM D2896
Sulphated ash	%wt.	0,87	DIN 51 575

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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