



## RAVENOL STS SAE 5W-30



ART.-NR. 1111312

1 L | 1111312-001  
5 L | 1111312-005  
20 L | 1111312-020

**VISCOSITY** 5W-30

**SPECIFICATIONS** API SL | API CF | ACEA A3 | ACEA B4

**FABRICATION** SYNTHETIC

**RAVENOL STS SAE 5W-30** is modern high performance low friction synthetic multigrade motor oil with CleanSynto® technology, formulated with PAO (Polyalphaolefines), which is suitable for performance motors because of its synthetic components and innovative additives. The excellent cold start characteristics provide optimal lubricant safety in the cold-running phase. Because of the noticeable fuel economy contributes **RAVENOL STS SAE 5W-30** the reduction of pollutant emissions and protects the environment.

**RAVENOL STS SAE 5W-30** is specifically designed to meet the needs of our customers in the Middle East and North Africa. **RAVENOL STS SAE 5W-30** was adapted to the difficult conditions there and covered a particularly wide range of vehicles.

## Application Notes

**RAVENOL STS SAE 5W-30** is low friction motor oil, which performance motors. It is recommended for all modern passenger car gasoline and diesel

engines, including turbo versions and for direct injection motors and also

recommended for all operation conditions.

## Characteristics

**RAVENOL STS SAE 5W-30** offers:

- Fuel economy in part and full power operation
- Very stable and excellent viscosity behaviour
- Excellent shear stability
- Excellent cold starting characteristics
- A safe lubricant film at high operating temperatures
- Excellent detergent- and dispersant characteristics
- High wear and corrosion protection, high oxidation stability
- Prevention of sludge formation
- Extended lifetime because of oxidation stability
- Suitable for catalysts



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	855	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	10,9	DIN 51562
Viscosity at 40°C	mm <sup>2</sup> /s	62,8	DIN 51562
Viscosity index VI		165	DIN ISO 2909
HTHS at 150°C	mPa*s	3,54	ASTM D5481
CCS Viscosity at -30°C	mPa*s	5975	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	16.600	ASTM D 4684
Pourpoint	°C	-33	DIN ISO 3016
Noack Volatility	% M/M	11,5	ASTM D5800/b
Flash point (COC)	°C	230	DIN ISO 2592
TBN	mg KOH/g	8,5	ASTM D2896
Sulphated ash	%wt.	1,18	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.

Release: : 31. October 2019