



## RAVENOL VEG SAE 5W-40

RAVENOL VEG SAE 5W-40 is high performance fully-synthetic multi-grade engine oil, based on high value fully synthetic base oils and poly alphaolefines (PAO), suitable for the lubrication of natural gas engines. It has excellent lubricating film adhesion, very good shear stability and an excellent cleaning power and high resistance to aging.

### Application Notes

RAVENOL VEG SAE 5W-40 is suitable to apply as a multi-grade engine oil for natural gas engines.

### **Specifications**

API SM/SL/CF, ACEA A3/B4

### Characteristic

RAVENOL VEG SAE 5W-40 offers:

- High wear protection
- Fuel savings through low-friction properties
- Excellent detergent and dispersant properties
- Avoids the formation of accumulations of mud (black sludge)
- Longlife service due to high oxidation stability
- Excellent cold start performance
- Very good viscosity-temperature behavior
- Low evaporation loss

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m³	845	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm²/s	14,2	DIN 51 562
Viscosity at 40°C	mm²/s	85,8	DIN 51 562
Viscosity index VI		172	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	4400	ASTM D5293
Low Temp. Pumping viscosity (MRV)	mPa*s	13.500	DIN 51757
Pourpoint	°C	-51	DIN ISO 3016
Noack Volatility	%	8,1	ASTM D5800/b
Flash point (COC)	°C	238	DIN ISO 2592
TBN	mg KOH/g	9,7	ASTM D2896
Sulphated ash	%wt.	1,3	DIN 51 575

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

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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