



## RAVENOL Longlife LSG SAE 5W-30

RAVENOL Longlife LSG SAE 5W-30 is fully synthetic low friction motor oil with CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Minimisation of friction, abrasion and fuel consumption, excellent cold start characteristics. Extended oil change intervals according to manufacturer's recommendations.

The excellent cold start behaviour provides an optimum lubricating safety during the cold run phase. Because of a considerable fuel saving RAVENOL Longlife LSG SAE 5W-30 contributes to protect the environment by reducing the emissions. RAVENOL Longlife LSG SAE 5W-30 is midSAPS Oils which prevents effectively the reset of the diesel soot particulate filter.

### Application Notes

RAVENOL Longlife LSG SAE 5W-30 is suitable as a high performance low friction engine oil for all Opel and GM engines according to the mentioned specifications.

RAVENOL Longlife LSG SAE 5W-30 is recommended for use in vehicles with diesel particulate filters.

### Quality Classifications

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

#### **Specifications**

API SM/CF, ACEA C3

#### **Approvals**

First- und Service Fill für Benziner und Diesel: Opel GM-LL-A-025 (B 040-2095), Opel GM-LL-B-025 (B 040-2098), GM dexos2 (License No. GB2C0602081), GMW 16177

### Characteristic

RAVENOL Longlife LSG SAE 5W-30 offers:

- Fuel saving regarding partial load operation and full power operation
- A very stable and excellent viscosity behaviour
- An excellent shear stability
- Very good cold start characteristics
- A safe lubricating film at very high operating temperatures
- A really lower evaporation tendency, therefore a lower oil consumption
- A very good corrosion protection
- Protection of foam formation
- Excellent detergent and dispersant characteristics
- Suitable for catalysts
- Prevents effectively the reset of the diesel soot particulate filter

Characteristics	Unit	Data	Audit
Colour		gelbbraun	visual
Density at 20°C	kg/m <sup>3</sup>	852	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	67,0	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	11,7	DIN 51 562
Viscosity index VI		171	DIN ISO 2909
Flash point (COC)	°C	234	DIN ISO 2592
Pourpoint	°C	-36	DIN ISO 3016
TBN	mg KOH/g	7,3	DIN ISO 3771
Sulphated ash	%wt.	0,71	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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