



# RAVENOL Arctic Low SAPS ALS SAE 0W-30



- 1L | 1111137-001
- 4L | 1111137-004
- 5L | 1111137-005
- 10L | 1111137-010
- 20L | 1111137-020
- 20L | 1111137-B20
- 60L | 1111137-060
- 60L | 1111137-D60
- 208L | 1111137-208
- 208L | 1111137-D28
- 1000L | 1111137-700

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111137

**Viscosity:** 0W-30

**Specification:** ACEA C3

**Oil type:** Full synthetic

**Approvals:** MB-Freigabe 229.51

**Recommendation:** BMW Longlife-04, Chrysler MS-11106, Honda, Mazda, Nissan, Suzuki, Toyota

**Application:** Passenger car

**Technology:** Clean Synto®, USVO®

**RAVENOL Arctic Low SAPS ALS SAE 0W-30** is a PAO (Polyalphaolefin) based, full synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol and diesel engines of high performance vehicles and vans with Diesel Particular Filter DPF and Three-Way Catalyst, which require HTHS >3,5 mPa\*s. Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil lubricate faster, thereby minimizing friction while keeping the engine clean and efficient.

**RAVENOL Arctic Low SAPS ALS SAE 0W-30** is based on additives which prolong the lifetime of Diesel Particular Filter DPF and Three-Way Catalyst.

With its new formulation, **RAVENOL Arctic Low SAPS ALS SAE 0W-30** provides a safe layer of lubrication even at very high operating temperatures and protects from corrosion and loss of oil through oxidation or coking. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase.

By significantly reducing fuel consumption, **RAVENOL Arctic Low SAPS ALS SAE 0W-30** helps to protect the environment by reducing emissions.

**RAVENOL Arctic Low SAPS ALS SAE 0W-30** minimizes friction, wear and fuel consumption with excellent cold start characteristics.

Extended oil change intervals according to the manufacturer's instructions.

## Application Note

**RAVENOL Arctic Low SAPS ALS SAE 0W-30** is a universal fuel economy, especially formulated engine oil for modern gasoline and diesel engines in passenger cars and vans with extended oil change intervals. Extend the lifespan of the particle filter. Due to the specific composition is **RAVENOL Arctic Low SAPS ALS SAE 0W-30** excellent suitable for use for indicated OEM requirements.

## Characteristics

- Fuel economy in part and full power operation.
- Excellent wear protection and high viscosity index also under high-speed driving conditions, the long life of the engine.
- Excellent cold starting characteristics also at low temperatures below -30°C.
- A safe lubricant film at high operating temperatures.
- Low evaporative tendency, so lower oil consumption.
- No deposits in combustion chambers, in the piston ring zone and valves because of oil conditioned.
- Neutrality towards sealing materials.
- Extended oil change intervals to protect natural resources.

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	841,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	12,1	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	63,5	DIN 51562-1
Viscosity Index VI		192	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	3,65	ASTM D5481
CCS Viscosity at -35 °C	mPa*s	5472	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	15.400	ASTM D4684
Pourpoint	°C	-60	DIN ISO 3016
Noack Volatility	% M/M	9,0	ASTM D5800
Flashpoint	°C	230	DIN EN ISO 2592
tbn	mg KOH/g	7,9	ASTM D2896
Sulphated Ash	%wt.	0,78	DIN 51575

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