

- Certificate / Product Information

RAVENOL Arctic Low SAPS ALS SAE 0W-30

Art. 1111137

CleanSynto®

Description:

RAVENOL Arctic Low SAPS ALS SAE 0W-30 is a fully synthetic, fuel economy low friction motor oil with CleanSynto® Technology for 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.

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.

RAVENOL Arctic Low SAPS ALS SAE 0W-30 achieved by its formulation with special base oils a high viscosity index. The excellent cold start behaviour ensures a optimal lubrication safety in the cold running phase.

Application Directions:

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.

Quality Classification:

RAVENOL Arctic Low SAPS ALS SAE 0W-30 is approved, tried and tested for aggregates specifying:

Specifications: ACEA C3

Approval: MB-Approval 229.51

Recommendations: BMW Longlife-04, Honda, Nissan, Mazda, Suzuki, Toyota, Chrysler MS-11116

Technical Characteristics:

RAVENOL Arctic Low SAPS ALS SAE 0W-30 offers:

- 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 Values:

Characteristics	unit	data	test according to	
Colour		brown	visual	
Density	at 20°C	kg/m ³	841	EN ISO 12185
Viscosity	at -35 °C	mPa*s	5472	ASTM D5293
	at 40°C	mm ² /s	59,93	DIN 51 562
	at 100°C	mm ² /s	11,18	DIN 51 562
Viscosity index VI		183	DIN ISO 2909	
Flash point (COC)	°C	215	DIN ISO 2592	
Pour point	°C	-45	DIN ISO 3016	
TBN	mg KOH/g	7,9	DIN ISO 3771	
Noack Volatility	%	9,0	ASTM D5800/b	
Sulphated ash	%wt.	0,78	DIN 51 575	

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

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