

FULLY SYNTHETIC HIGH-PERFORMANCE ENGINE OIL

WINDIGO Synth RS 5W-30 Super Special

Fully synthetic high-performance engine oil for modern petrol and diesel engines with exhaust aftertreatment systems.

WINDIGO Synth RS 5W-30 Super Special - a modern, fuel-saving premium formulation for vehicles with extended service intervals (Longlife). The oil reliably prevents low-speed pre-ignition (LSPI) and, thanks to its reduced SAPS content, protects catalytic converters and diesel particulate filters.

The fully synthetic base ensures a stable lubricating film over a wide temperature range and reliable protection of friction parts. The high viscosity index (min. 165) keeps the viscosity stable even under thermal stress, while the low viscosity at low temperatures (max. 6600 mPa·s at -30°C) ensures a safe cold start and rapid oil delivery.

Low evaporation losses, pronounced shear and ageing resistance, and excellent detergency reduce wear, deposits and emissions and allow extended service intervals in line with manufacturer approvals. The oil is fully suitable for modern exhaust aftertreatment systems.

Enhanced with the **ECO Universal Oil Package** for additional wear protection and reduced friction losses.

AREAS OF APPLICATION

- Passenger cars and light commercial vehicles
- Petrol and diesel engines
- Engines with and without forced induction (turbo/supercharger/etc.)
- Fully suitable for modern exhaust aftertreatment

PROPERTIES

- reliably prevents low-speed pre-ignition (LSPI)
- reduced SAPS content
- significantly reduces friction and saves fuel
- low evaporation losses
- high viscosity stability and ageing resistance
- ensures optimal engine cleanliness
- reduces wear and emissions
- allows extended service intervals

SPECIFICATIONS / REQUIREMENTS

API	SP
ACEA	C3
BMW	LL-04
Mercedes-Benz	MB 229.31 / 229.51 / 229.52
Porsche	C30
Volkswagen	504 00 / 507 00

TECHNICAL DATA – WINDIGO SYNTH RS 5W-30 SUPER SPECIAL

Property	Test method	Value
SAE grade	SAE J300	SAE 5W/30
Density at 15°C	DIN EN ISO 12185	0.83 - 0.87 g/cm ³
Kinematic viscosity at 100°C	ASTM D7279	10.9 - 12.3 mm ² /s
Viscosity index	ASTM D2270	min. 165
Total base number (TBN)	ASTM D2896	7.7 - 9.7 mg KOH/g
Dynamic viscosity at -30°C	ASTM D5293	max. 6600 mPa·s
Flash point COC	DIN ISO 2592	min. 220°C
Pour point	ASTM D7346	max. -33°C

The information in this description corresponds to the current state of our knowledge and is intended to provide the technically experienced user with guidance on possible applications. Assurances of properties and warranties are excluded without prior clarification of the specific intended use and operating conditions. Subject to change in the course of technical development.