



# RAVENOL Agrar Synto SAE 5W-30

**Kategorie:** Engine oil for agricultural vehicles and construct

**Artikelnummer:** 1310250

**Viscosity:** 5W-30

**Specifications:** ACEA E11, ACEA E6, ACEA E7, ACEA E8, ACEA E9, API CK-4, API SN

**Oil type:** Synthetic

**Recommendations:** Cummins CES 20076, Cummins CES 20077, Cummins CES 20081, Cummins CES 20086, DAF Extended drain, Deutz DQC IV-10 LA, DTFR 15C100 (MB 228.31), DTFR 15C110, DTFR 15C120, JASO DH-2, Mack EO-O PP (Premium Plus), MAN M 3277, MAN M 3477, MAN M 3677, MB 226.9, MB 228.51, MTU Typ 3.1, Renault RXD, Renault VI RLD-3, Scania LDF, Scania LDF-4, VOLVO VDS-4



10L | 1310250-010

20L | 1310250-020

20L | 1310250-B20

60L | 1310250-060

60L | 1310250-D60

208L | 1310250-208

208L | 1310250-D28

1000L | 1310250-700

**RAVENOL Agrar Synto SAE 5W-30** is a synthetic, fuel-saving “Low SAPS” agricultural engine oil based on the latest additive technology with very special base oils. It has been specially developed for agricultural diesel engines under the most severe operating conditions in all seasons. Excellent suitability for use in EURO 4, EURO 5, and EURO 6 engines in combination with low-sulfur diesel fuel.

**RAVENOL Agrar Synto SAE 5W-30** is suitable for use in diesel engines with or without particle filters and catalytic converters. The SAE 5W cold-viscosity ensures a reliable cold start (low cold start wear) and the fastest possible supply to all lubrication points at very low outside temperatures. Extreme stresses are reliably controlled by the SAE 30 high-temperature viscosity. Minimizes friction and wear.

## Application instructions

**RAVENOL Agrar Synto SAE 5W-30** is a low SAPS high-performance agricultural engine oil that can be used all year round and has been adapted to new exhaust emission guidelines. Can be used all year round for EURO IV, EURO V and EURO VI engines.

**RAVENOL Agrar Synto SAE 5W-30** is suitable for extended oil change intervals in accordance with manufacturer specifications.

## Characteristics

- Excellent detergent properties, no residue formation in the engine
- Excellent dispersing ability, that prevents cold sludge and residue formation
- Extends the service life of the particulate filter due to reduced tendency to particle build-up
- Low sulfate ash, phosphorus, and sulfur content “Low SAPS”
- Excellent wear protection
- Excellent oxidation stability
- Excellent high-temperature stability, high viscosity index
- Cost-effectiveness due to low fuel consumption
- Outstanding cold starting properties
- Excellent cold start performance even at low outside temperatures

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,96	DIN 51575
tbn	mg KOH/g	10,8	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	12,15	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	70,8	DIN 51562-1
Viscosity Index VI		170	DIN ISO 2909
CCS Viscosity at -35 °C	mPa*s	5530	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	849,0	EN ISO 12185
Flashpoint	°C	228	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,7	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	22.500	ASTM D4684
Noack Volatility	% M/M	9,1	ASTM D5800
Pourpoint	°C	-42	DIN ISO 3016