



RAVENOL Agrar Synto Premium SAE 10W-40

Kategorie: Engine oil for agricultural vehicles and construct

Artikelnummer: 1310201

Viscosity: 10W-40

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

Oil type: Synthetic

Approvals: Deutz DQC IV-18 LA, DTFR 15C110

Recommendations: Caterpillar ECF-3, Cummins CES 20086, DAF LKW (für verlängerte Intervalle), Detroit Diesel Corporation (DDC) DFS93K222, IVECO 18-1804 TLS E9, JASO DH-2, Mack EOS-4.5, MAN M 3477, MB 228.51, MTU Typ 3.1, Renault VI RLD-3, Scania LowAsh, VOLVO VDS-4.5



10L | 1310201-010

20L | 1310201-020

20L | 1310201-B20

60L | 1310201-060

60L | 1310201-D60

208L | 1310201-208

208L | 1310201-D28

1000L | 1310201-700

RAVENOL Agrar Synto Premium SAE 10W-40 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 diesel engines under the most severe operating conditions in all seasons. Excellent suitability for use in EURO 2, EURO 3, EURO 4, EURO 5, and EURO 6 engines in combination with diesel fuel with a sulfur content of up to 500 ppm.

RAVENOL Agrar Synto Premium SAE 10W-40 can be used in modern tractors, agricultural vehicles and “Tier 4” off-road vehicles and was designed as a SHPD engine oil (Super High Performance Diesel) for use in engines with and without a particle filter and catalytic converter and with specific requirements for Low SAPS technology. The product offers low sulphur, phosphorus and ash content.

RAVENOL Agrar Synto Premium SAE 10W-40 is characterized by increased oxidation and shear stability as well as improved air release properties in order to meet and exceed the latest API CK-4 requirements.

RAVENOL Agrar Synto Premium SAE 10W-40 offers reliable cold start performance at low outdoor temperatures and full lubricity at high operating temperatures. Friction and wear are minimized.

Application instructions

RAVENOL Agrar Synto Premium SAE 10W-40 is a high-performance agricultural engine oil that can be used all year round. It has been designed to comply with the new exhaust emission guidelines and for vehicles with exhaust gas recirculation systems. Extended oil change intervals in accordance with manufacturer's specifications.

RAVENOL Agrar Synto Premium SAE 10W-40 is particularly suitable for use in mixed agricultural fleets with EURO 2, EURO 3, EURO 4, EURO 5 and EURO 6 engines, thus offering the optimal solution for reducing the number of oil types. The operating instructions of the engine manufacturers must be observed.

Characteristics

- Very stable and excellent viscosity behavior and high shear stability
- Fuel saving under all operating conditions
- Maintains the effectiveness of exhaust gas purification systems over a very long service life
- Prevents power losses due to clogged diesel particulate filters and achieves higher efficiency
- Low evaporation tendency resulting in low oil consumption
- Extended oil change intervals protect natural resources
- Very good cold start properties
- Low SAPS = low sulfate ash, phosphorus, and sulfur
- Can also be used in many agricultural and commercial vehicles without diesel particulate filters

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,85	DIN 51575
tbn	mg KOH/g	10,5	ASTM D2896
Viscosity at 100 °C	mm ² /s	14,5	DIN 51562-1
Viscosity at 40 °C	mm ² /s	93,8	DIN 51562-1
Viscosity Index VI		161	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	6170	ASTM D5293
Density at 20 °C	kg/m ³	859,0	EN ISO 12185
Flashpoint	°C	234	DIN EN ISO 2592
Noack Volatility	% M/M	9,0	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016