

**BANTLEON**

Technical Information

AVIA TURBOSYNTH LS PLUS 10W-40

Use

Modern Low-SAPS high performance motor oil for all-season use in heavily loaded Diesel engines of commercial vehicles. Due to its wide performance profile, AVIA TURBOSYNTH LS PLUS 10W-40 is suitable for a variety of commercial vehicle engines (please observe operating instructions!). The special formulation with a limited content of sulphate ash, sulphur and phosphorus makes AVIA TURBOSYNTH LS PLUS 10W-40 to the ideal standard engine oil for vehicles with exhaust after treatment systems.

Description

AVIA TURBOSYNTH LS PLUS 10W-40 is a diesel motor oil formulated with the latest, low ash additive technology for longest oil change intervals. The viscosity range of SAE10W-40 provides reliable and low-wear cold start characteristics, even at low outside temperatures. Due to the high temperature viscosity SAE 40, the product is absolutely reliable under extreme conditions. AVIA TURBOSYNTH LS PLUS 10W-40 offers at the same time reliable protection against wear and corrosion and in addition it provides excellent motor cleanliness.

Classification / Specification / Bantleon recommended use
ACEA E4, E6, E7, E9
API CJ-4; JASO DH-1, DH-2
MB 228.51; MB 228.31
MAN M 3477; MAN M 3271-1; MAN M 3575
Volvo VDS-4 / VDS-3
Renault (RVI) RLD-3 / RLD-2
Mack EO-O Premium Plus / EO-N Premium Plus
Deutz DQC IV-10 LA
Detroit Diesel 93K218; Cummins 20081
Caterpillar ECF-3
MTU Oil category 3.1
Voith Retarder type B

Safety and Environment

Lubricants must not enter the sewage system, soil or ground water. Used lubricants and empty containers must be disposed of in compliance with local requirements and environmental standards. For further information about safety and health, please see our Material Safety Data Sheet.

If you have any further questions, please contact your technical advisor.
Hermann Bantleon GmbH, Postfach 13 26, 89003 Ulm, info@bantleon.de, www.bantleon.de

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Characteristics	Test method	Unit	AVIA TURBOSYNTH LS PLUS 10W-40
SAE viscosity class	DIN 51 511		10W-40
Density at 15 °C	DIN 51 757	kg/m ³	864
Kin. viscosity at 40 °C 100 °C	DIN 51 562	mm ² /s	88 13,8
Viscosity index	DIN ISO 2909	VI	157
Flash point COC	ASTM D92	°C	226
Pour point	ASTM D6892	°C	- 33
Sulphate ash	ASTM D874	% (m/m)	0,98
Total base number TBN	ASTM D2896	mgKOH/g	12,8

The technical data represents average values and is subject to normal production and raw material fluctuations. A binding legal validity cannot be construed from this data. The right to data discrepancies as a result of product and process changes or further developments remains reserved and such can occur without prior information. Variations in color may occur and, in general, do not constitute a product defect.

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