



PERFORMANCE LUBRICATION

PRODUCT INFORMATION

GLOBAL ADVANCE PLUS 10W-40

Synthetic fuel economy and Low SaPS heavy-duty diesel lubricant

DESCRIPTION

High-tech synthetic lubricant with Fuel Economy properties and Low SAPS (low sulphated ash, phosphorus and sulphur) formulation, specially designed for efficient lubrication of latest generation Euro VI compliant diesel engines. It offers maximum engine protection and compatibility with emission after-treatment systems.

BENEFITS

STANDARDS: ACEA E7, E8, E11
API CK-4/SN

SPECIFICATIONS: JASO DH-2
DTFR 15C100 (228.31) / DTFR 15C110 (228.51)
MAN M3275-1 / 3575 / 3477 / 3775
VOLVO VDS-4.5
RENAULT RLD-4 / RLD-3
SCANIA Low Ash
DAF PSQL 2.1E-LD
IVECO 18-1804 TLS CK-4 /TLS E9
CATERPILAR ECF-3
CUMMINS ESC 20086
DEUTZ DQC IV-18 LA
DETROIT DIESEL DFS 93K222
MACK EOS-4.5
MTU Type 3.1
ISUZU
VOITH Retarder Class B

A high-performance synthetic lubricant, specially formulated to meet the demands of modern diesel engines used in heavy-duty on-highway applications. Its advanced technology makes it compatible with a wide range of international standards, offering superior engine protection and extended operating efficiency.

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- **Proven multigrade performance and versatility:** Meets ACEA E7, E8, E11 and API CK-4/SN standards, ensuring excellent performance in both modern diesel engines and some petrol engines under severe conditions.
- **Low SAPS Technology:** Its formulation with low sulphated ash, phosphorus and sulphur content (Low SAPS) ensures excellent compatibility with aftertreatment systems (DPF, EGR, SCR), extending their service life and contributing to compliance with emissions regulations.
- **Maximum engine protection:** Provides effective, long-lasting lubrication that protects against wear, oxidation, sludge and deposit formation, ensuring optimum engine performance even under extreme conditions and over long drain intervals.
- **Leading manufacturers' specifications:** Meets the stringent requirements of manufacturers such as Mercedes-Benz (MB 228.31, 228.51, 228.52), MAN, Volvo, Renault Trucks, Scania, Iveco, Caterpillar, Cummins, Deutz, Detroit Diesel, Mack, MTU, Isuzu and Voith, ensuring its use in a wide range of vehicles and engine configurations.
- **Voith Retarder compatibility:** Approved under Voith Retarder Class B, making it suitable also for vehicles equipped with integrated hydraulic braking systems.
- **Optimised operating costs:** Excellent thermal stability and resistance to degradation allow for extended change intervals, reduced oil and fuel consumption, and minimised maintenance downtime.
- **Application on Euro VI and older engines:** Ideal for mixed fleets combining Euro VI engines with older generations, offering full technical and operational coverage.

This lubricant is a reliable, robust and efficient solution for fleets and operators looking for a state-of-the-art, multi-manufacturer compatible product capable of ensuring a high level of protection, performance and efficiency in all working conditions.

CONDITIONS OF USE

Maintenance interval according to each manufacturer's recommendations and adapted to its own use.

TECHNICAL CHARACTERISTICS

VISCOSITY SAE:	10W-40	FREEZING POINT:	-36 °C / -32,8 °F
DENSITY AT 15°C:	0,870 g/ml	FLASH POINT:	236 °C / 456,8 °F
VISCOSITY AT 100°C:	14,5 mm ² /s	SULPHATED ASHES:	1,0 % Mass
VISCOSITY AT 40°C:	100 mm ² /s	TBN:	≥10 mg KOH/g
VISCOSITY INDEX:	150		

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