



PERFORMANCE LUBRICATION

PRODUCT INFORMATION

GLOBAL FLEET ADVANCE 10W-40

Synthetic based lubricant for heavy diesel engines

DESCRIPTION

High-performance lubricant, specially formulated for latest generation heavy-duty diesel engines equipped with advanced emission control systems (DPF, EGR, SCR). Its excellent shear stability ensures long-lasting engine protection, even under extreme load conditions, high temperatures and severe climates.

BENEFITS

STANDARDS:

ACEA E7 / E11
API CK-4 / SN

SPECIFICATIONS:

JASO HD-2
DTFR 15C100 (MB 228.31)
MAN M3775
VOLVO VDS-4.5
RENAULT RLD-3
IVECO 18-1804 TLS CK-4 / E9
CAT ECF-3
CUMMINS ESC 20086
DEUTZ DQC III-18 LA
DETROIT DIESEL DFS 93K222
FROD WSS M2C171-F1
MACK EOS-4.5
MTU Type 2.1
ALLISON TES 439
China D1 (ex.GB11122-2006)

A high-performance synthetic lubricant designed to meet the demands of the latest heavy-duty diesel engines, including those equipped with advanced emission control systems. Its state-of-the-art formulation ensures superior protection, fuel efficiency and compliance with a wide range of international specifications.

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- **Outstanding performance in demanding conditions:** Meets stringent ACEA E7 / E11 and API CK-4 / SN standards, ensuring excellent engine protection against wear, oxidation and deposit formation, even in prolonged operations and under severe load conditions.
- **Low SAPS Technology:** Compatible with emission aftertreatment systems (DPF, EGR, SCR), thanks to its reduced sulphated ash, phosphorus and sulphur content, allowing compliance with the strictest emission regulations without compromising engine performance.
- **Improved thermal and shear stability:** Resistance to thermal degradation and mechanical shear ensures that the oil's viscosity and protective properties are retained throughout the change interval, even in high temperature environments.
- **Compatibility with a wide range of manufacturers:** Accredited to the specifications of industry-leading manufacturers such as Mercedes-Benz (MB 228.31), MAN 3775, Volvo VDS-4.5, Renault RLD-3, Iveco (18-1804 TLS CK-4 / E9), Caterpillar ECF-3, Cummins CES 20086, Deutz DQC III-18 LA, Detroit Diesel DFS 93K222, Ford WSS-M2C171-F1, Mack EOS-4.5, MTU Type 2.1, and Allison TES 439, as well as China D1 standard (ex.GB11122-2006).
- **Operational versatility:** Its advanced formulation makes it an ideal solution for mixed fleets and operations in a variety of environments, from long-haul on-road applications to severe industrial or construction work conditions.

This lubricant provides an optimal balance of protection, efficiency and durability, making it the ideal choice for operators seeking reliability, reduced operating costs and global technical compliance.

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
VISCOSITY AT 100°C:	15.2 mm ² /s	FLASH POINT:	236 °C / 456.8 °F
VISCOSITY AT 40°C:	104 mm ² /s	SULPHATED ASHES:	0,90 % Mass
VISCOSITY INDEX:	156	TBN:	8,1 mg KOH/g

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