



PERFORMANCE LUBRICATION

PRODUCT INFORMATION

GLOBAL FLEET ADVANCE 15W-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
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)
ISUZU

A state-of-the-art synthetic lubricant designed to provide superior performance in heavy-duty diesel engines in both on-road and off-road applications. Its advanced formulation ensures excellent engine protection, increased durability and compatibility with the most demanding emission after-treatment systems.

Rev. 04/25



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- **Maximum protection under severe conditions:** Complies with international standards ACEA E7 / E11 and API CK-4 / SN, ensuring effective protection against wear, deposit formation and oxidation, even under extreme load and temperature conditions.
- **High stability formulation:** Its shear strength and excellent thermal stability allow it to maintain the right viscosity throughout the entire change interval, optimising engine operating efficiency.
- **Low SAPS Technology:** Suitable for engines equipped with emission control systems such as DPF, EGR and SCR, thanks to its low ash, phosphorus and sulphur content, which helps to extend the service life of the anti-pollution systems.
- **Extensive support from leading manufacturers:** Accredited to a wide range of specifications, including JASO DH-2, Mercedes-Benz MB 228.31 (DTFR 15C100), MAN 3775, Volvo VDS-4.5, Renault RLD-3, 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, Allison TES 439, Isuzu, and also meets the requirements of China D1 standard (ex.GB11122-2006).
- **Versatility for mixed fleets:** Its compatibility with multiple regulations and manufacturers makes it the ideal choice for fleets operating multiple brands of vehicles and equipment, facilitating lubrication management with a single, high-performance product.

This lubricant has been developed to maximise engine performance, reduce maintenance cost and ensure operational reliability in the most demanding environments.

CONDITIONS OF USE

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

TECHNICAL CHARACTERISTICS

<i>VISCOSITY SAE:</i>	15W-40	<i>FREEZING POINT:</i>	-36 °C / -32.8 °F
<i>VISCOSITY AT 100°C:</i>	13.6 mm ² /s	<i>FLASH POINT:</i>	236 °C / 456.8 °F
<i>VISCOSITY AT 40°C:</i>	93.1 mm ² /s	<i>SULPHATED ASHES:</i>	0,90 % Mass
<i>VISCOSITY INDEX:</i>	148	<i>TBN:</i>	8,1 mg KOH/g

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