



PERFORMANCE LUBRICATION

PRODUCT INFORMATION

GLOBAL ADVANCE PLUS 5W-30

100% synthetic fuel economy and Low SaPS heavy-duty diesel oil

DESCRIPTION

High-tech 100% 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 E-6
CATERPILAR ECF-3
CUMMINS ESC 20086
DEUTZ DQC IV-18 LA
DETROIT DIESEL DFS 93K222
FORD WSS-M2C213-A1
MACK EOS-4.5
MTU Type 3.1
VOITH Retarder Class B

High-performance, 100% synthetic lubricant formulated to meet the demanding requirements of heavy-duty diesel engines operating under severe conditions. It meets a wide range of international standards, including ACEA E7, E8 and E11 and API CK-4/SN, ensuring versatility, compatibility and efficiency in a wide variety of applications.

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- **Excellent engine protection:** Provides superior defence against wear, oxidation and deposit formation, extending engine life and ensuring consistent performance even under heavy and prolonged duty cycles.
- **Low SAPS Technology:** Its low sulphated ash, phosphorus and sulphur content (Low SAPS) makes it ideal for protecting aftertreatment systems such as DPF (particulate filter), EGR and SCR, maintaining their efficiency and reducing pollutant emissions.
- **Optimum thermal stability and oxidation resistance:** Designed to maintain its viscosity and lubricating properties at high temperatures, offering safety under extreme operating conditions.
- **Compatibility with leading manufacturers:** Approved and recommended by industry leaders such as Mercedes-Benz (MB 228.31, 228.51, 228.52), MAN, Volvo, Renault, Scania, DAF, Iveco, Caterpillar, Cummins, Deutz, Detroit Diesel, Ford, Mack, MTU and Voith, guaranteeing performance in accordance with their demanding technical specifications.
- **Suitable for modern diesel engines Euro VI and earlier:** Perfectly suited for engines with advanced emission control and aftertreatment systems, providing operational efficiency and regulatory compliance.
- **Compatibility with Voith transmissions:** Complies with Voith Retarder Class B specification, ensuring reliable performance also in hydraulic retarder systems.

This lubricant represents a robust and versatile solution for mixed fleets and operators looking to maximise engine durability, extend change intervals and optimise overall vehicle performance.

CONDITIONS OF USE

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

TECHNICAL CHARACTERISTICS

VISCOSITY SAE:	5W-30	FREEZING POINT:	-50 °C / -58 °F
DENSITY AT 15°C:	0.86 g/ml	FLASH POINT:	210 °C / 410 °F
VISCOSITY AT 100°C:	12 mm ² /s	SULPHATED ASHES:	0,73 % Mass
VISCOSITY AT 40°C:	70 mm ² /s	TBN:	13 mg KOH/g
VISCOSITY INDEX:	170		

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