



TECHNICAL DATA

GB UNIMOT® SYNTH 8 10W-30

APPLICATIONS

GB UNIMOT® SYNTH 8 10W-30 is a premium heavy-duty diesel engine oil, incorporating high quality synthetic technology base fluids and enhanced additive systems for use in the latest low-emission heavy-duty diesel engines. This oil is designed for use in Euro IV, V and Euro VI, Tier 3 and Tier 4/Stage IV and Stage V engines, including those running on CNG or LPG, where an oil of this quality is specified. Based on low SAPS technology (sulphated ash, phosphorus and sulphur) and developed to maximise the life of diesel particulate filters (DPF) and other exhaust after-treatment systems, this oil provides a high level of rationalisation potential in mixed fleets.

PERFORMANCE FEATURES

GB UNIMOT® SYNTH 8 10W-30 combines the top tier global requirements of European and US equipment manufacturers and offers the following features:

- Outstanding performance across a wide range of EGR, SCR and DPF technologies
- Low SAPS technology, ensuring protection of the exhaust after-treatment system
- Excellent anti-wear protection
- Rust and corrosion protection
- Effective control of soot, sludge and piston deposits
- Excellent oxidation and thermal stability
- Improved fuel economy
- Extended drain capability
- High level of rationalisation for mixed fleet use

PERFORMANCE DETAILS

The following Original Equipment Manufacturers' formal approvals have been obtained:

MACK EOS-4.5	RENAULT VI RLD-3	VOLVO VDS-4.5
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GB UNIMOT® SYNTH 8 10W-30 may also be used where the following specifications are required:

	ACEA E7, E11	DAIMLER TRUCK DTFR 15C120 (MB 228.52)	MAN M3477/M3677
	API CK-4/SN	DAIMLER TRUCK DTFR 15C110 (MB 228.51)	MTU Type-3.1
	CATERPILLAR ECF-3	DETROIT DIESEL 93K222	SCANIA Low Ash
	CUMMINS CES 20086/81	JASO DH-2	
	DEUTZ DQC IV-18 LA	MAN M3271-1/M3775	

*Further formal OEM approvals pending
Suitable for extended drain in DAF Euro VI compliant engines.*

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			10W-30
Appearance	-	-	Clear amber liquid
Kinematic Viscosity @ 100°C	cSt	ASTM D445	12.0
Kinematic Viscosity @ 40°C	cSt	ASTM D445	79.6
Viscosity Index	-	ASTM D2270	146
Density	kg/m ³	ASTM D4052	869
CCS @ -25°C	mPas	ASTM D5293	5890
Flash Point	°C	ASTM D93	196
Pour Point	°C	ASTM D97	-33

STORAGE AND HANDLING

GB UNIMOT® SYNTH 8 10W-30 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIMOT® SYNTH 8 10W-30 can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.