GB UNIMOT® SYNTH 8 10W-30

APPLICATIONS

GB UNIMOT® SYNTH 8 10W-30 is a premium heavy-duty diesel engine oil, incorporating high quality virgin 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

GB UNIMOT® SYNTH 8 10W-30 may also be used where the following specifications are required:

API SERVICE CK-4/SN SAE 10W-30	ACEA E7, E8, E11	DAF PSQL 2.1E-LD	JASO DH-2
	API CK-4/SN	DAF PSQL 2.4	MAN M3775, M3477
	CATERPILLAR ECF-3	DAIMLER TRUCK DTFR 15C120 (MB 228.52)	MAN M3271-1
	CUMMINS CES 20086/81	DAIMLER TRUCK DTFR 15C110 (MB 228.51)	MTU Type-3.1
	DEUTZ DQC IV-18 LA	DAIMLER TRUCK DTFR 15C100 (MB 228.31)	
	DEUTZ DQC TTCD	DETROIT DIESEL 93K222	

Cont'd…/…

GB LUBRICANTS
Albany Road Gateshead NE8 3BP
Tel: 0191 490 4312
Fax: 0191 477 9544
e-mail: gblsales@gblubricants.co.uk
www.gblubricants.co.uk
Trading Name of Goodall Bates & Todd Ltd

bsi ISO 9001 Quality Management Systems CERTIFIED · ISO 14001 Environmental Management CERTIFIED · ISO 45001 Occupational Health and Safety Management CERTIFIED · ISO 50001 Energy Management CERTIFIED · PAS 99 Integrated Management Systems CERTIFIED

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	868
CCS @ -25°C	mPas	ASTM D5293	6580
HTHS	mPas	ASTM D4683	3.5
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.