GB UNIMOT® SYNTH 6 10W-40

APPLICATIONS

GB UNIMOT® SYNTH 6 10W-40 is a new generation premium heavy-duty diesel engine oil, incorporating highly advanced base fluids and enhanced synthetic 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 the highest level of rationalisation potential in mixed fleets.

PERFORMANCE FEATURES

GB UNIMOT® SYNTH 6 10W-40 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:

Daimler Truck Fluid Release 15C110 (228.51)	RENAULT VI RLD-3
MACK EOS-4.5	VOLVO VDS-4.5

GB UNIMOT® SYNTH 6 10W-40 may also be used where the following specifications are required:

ACEA E7, E8, E11	DAIMLER TRUCK DTFR 15C120 (MB 228.52)	MAN M3477, M3775
API CK-4/SN	DETROIT DIESEL 93K222	MTU Type-3.1
CATERPILLAR ECF-3	DEUTZ DQC IV-18 LA	
CUMMINS CES 20086	JASO DH-2-21	

Suitable for DAF Euro VI compliant engines extended drain.
Suitable for use where CNH MAT3521 or MAT3571 is referenced.

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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-40**
Appearance	-	-	Dark amber fluid
Kinematic Viscosity @ 100°C	cSt	ASTM D445	14.6
Kinematic Viscosity @ 40°C	cSt	ASTM D445	98.1
Viscosity Index	-	ASTM D2270	154
Density	kg/m^3	ASTM D4052	869
CCS @ -25°C	mPas	ASTM D5293	6790
Flash Point, COC	°C	ASTM D92	225
Pour Point	°C	ASTM D97	-36
TBN	mgKOH/g	ASTM D2896	10.1
Sulphated Ash	%wt	ASTM D874	0.9

STORAGE AND HANDLING

GB UNIMOT® SYNTH 6 10W-40 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIMOT® SYNTH 6 10W-40 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.