GB UNIMOT® SYNTH FE PLUS 5W-30

APPLICATIONS

GB UNIMOT® SYNTH FE PLUS 5W-30 is a top tier fuel-efficient heavy-duty diesel engine oil formulated using the highest quality synthetic technology base fluids and enhanced additive systems, for use in the latest low-emission Euro IV, Euro V and Euro VI heavy-duty diesel engines, where an oil of this quality is specified. Based on low SAPS technology (sulphated ash, phosphorus and sulphur), this premium engine oil maximises the life of diesel particulate filters (DPF) and other exhaust after-treatment systems. GB UNIMOT® SYNTH FE PLUS 5W-30 meets the latest MAN and Scania Euro VI engine requirements with improved fuel economy and extended drain capability, even under severe operating conditions. The performance profile of GB UNIMOT® SYNTH FE PLUS 5W-30 allows the potential for product rationalisation in mixed fleets combining a number of different manufacturers, models and engine technologies.

PERFORMANCE FEATURES

GB UNIMOT® SYNTH FE PLUS 5W-30 has been developed to deliver outstanding performance with extended drain intervals and proven fuel economy 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
- Outstanding engine protection, reducing wear and corrosion
- Effective control of soot, sludge and piston deposits
- Excellent oxidation and thermal stability
- Proven fuel economy benefits
- Excellent low temperature and cold-start performance
- Extended drain capability

PERFORMANCE DETAILS

The following Original Equipment Manufacturers' approvals/confirmations have been obtained:

MACK EOS-4.5	RENAULT VI RLD-3	SCANIA LDF-4 (verified by Scania CV AB)	VOLVO VDS-4.5

GB UNIMOT® SYNTH FE PLUS 5W-30 may also be used where the following specifications are required:

API CK-4	DAIMLER TRUCK DTFR 15C110 (MB 228.51)	JASO DH-2
ACEA E7, E8, E11	DAIMLER TRUCK DTFR 15C100 (MB 228.31)	MAN M3677/M3775
CATERPILLAR ECF-3	DAF PSQL 2.1E-LD	MAN M3477
CUMMINS CES 20081, 20086	DETROIT DIESEL 93K222	MTU Type 3.1
DAIMLER TRUCK DTFR 15C120 (MB 228.52)	DEUTZ DQC IV-18 LA	

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			**5W-30**
Appearance	-	-	Dark amber fluid
Kinematic Viscosity @ 100°C	cSt	ASTM D445	12.3
Kinematic Viscosity @ 40°C	cSt	ASTM D445	74.6
Viscosity Index	-	ASTM D2270	162
Density	kg/m^3	ASTM D4052	856
CCS @ -30°C	cP	ASTM D5293	6396
TBN	mgKOH/g	ASTM D4739	10
Pour Point	°C	ASTM D97	-42
Flash Point	°C	ASTM D93	190

STORAGE AND HANDLING

GB UNIMOT® SYNTH FE PLUS 5W-30 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIMOT® SYNTH FE PLUS 5W-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.