



TECHNICAL DATA

GB UNIMOT® SYNTH 3 10W-40

APPLICATIONS

GB UNIMOT® SYNTH 3 10W-40 is a high performance heavy-duty diesel engine oil formulated using the highest quality synthetic technology base oils and enhanced additive systems for use in heavy-duty diesel engines in severe on- and off-highway applications. Whilst exceeding the requirements of many Euro IV and Euro V engines, this oil is engineered to meet the demands of Scania Euro VI compliant engines.

PERFORMANCE FEATURES

GB UNIMOT® SYNTH 3 10W-40 has been developed to deliver outstanding performance in Scania Euro VI engines and offers the following features:

- Excellent anti-wear protection
- Rust and corrosion protection
- Effective control of soot, sludge and piston deposits
- Excellent oxidation and thermal stability
- Superior cold starting and operation
- Improved fuel economy
- Improved protection against the impact of biofuel
- Extended drain capability

PERFORMANCE DETAILS

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

MACK EO-N	SCANIA LDF-3 (verified by Scania CV AB)
RENAULT VI RLD-2	VOLVO VDS-3

GB UNIMOT® SYNTH 3 10W-40 may also be used where the following specifications are required:

	ACEA E4, E7	MAN M3277
	API CI-4	MERCEDES BENZ 228.5, 235.28
	CUMMINS CES 20077/78	MTU Type-3
	DEUTZ DQC IV-18	VOITH Class B

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GB LUBRICANTS

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312
Fax: 0191 477 9544
e-mail: gblsales@gb lubricants.co.uk
www.gblubricants.co.uk

Trading Name of Goodall Bates & Todd Ltd



CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			10W-40
Appearance	-	-	Amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	866
Kinematic Viscosity @ 100°C	cSt	ASTM D445	14.4
Kinematic Viscosity @ 40°C	cSt	ASTM D445	97.3
Viscosity Index	-	ASTM D2270	153
CCS @ -25°C	cP	ASTM D5293	6300
HTHS Viscosity	cP	CEC-L-36-A-90	4.1
Noack	%	CEC-L-40-A-93	10
Sulphated Ash	mass %	ASTM D874	1.6
Flash Point (COC)	°C	ASTM D92	243
Pour Point	°C	ASTM D97	-42

STORAGE AND HANDLING

GB UNIMOT® SYNTH 3 10W-40 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIMOT® SYNTH 3 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.