



TECHNICAL DATA

GB INTERCOOLER LSC 15W-40

APPLICATIONS

GB INTERCOOLER LSC 15W-40 is a heavy-duty diesel engine oil, formulated using advanced Group II base oil technology and enhanced additive systems for use in heavy-duty diesel engines in severe on- and off-highway applications. It may be used in both Euro V and Euro VI engines as well as Tier 4 and Stage 4/Stage 5 non-road diesel engines, where a low SAPS product of this quality is specified (sulphated ash, phosphorus and sulphur). Developed to maximise the life of the particulate trap filter, it is backwards compatible and therefore may also be used in older engines.

PERFORMANCE FEATURES

GB INTERCOOLER LSC 15W-40 has been developed for use in heavy-duty diesel engines and offers the following features:


- Low SAPS technology, ensuring protection of the exhaust after-treatment system
- Excellent oxidation and thermal stability
- Excellent anti-wear protection
- Effective control of soot, sludge and piston deposits
- Rust and corrosion protection
- Extended drain capability

PERFORMANCE DETAILS

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

VOLVO VDS-4.5	MACK EOS-4.5	RENAULT VI RLD-3
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GB INTERCOOLER LSC 15W-40 may also be used where the following specifications are required:

	ACEA E11	CUMMINS CES 20086	FORD WSS-M2C171-F1
	API CK-4/SN	DAIMLER TRUCK DTFR 15C100 (MB 228.31)	JASO DH-2
	ALLISON TES-439	DETROIT DIESEL DFS 93K222	MAN M3775
	CATERPILLAR ECF-3	DEUTZ DQC III-18-LA	MTU Type 2.1

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			15W-40
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	878
Kinematic Viscosity @ 40°C	cSt	ASTM D445	105.1
Kinematic Viscosity @ 100°C	cSt	ASTM D445	14.5
Viscosity Index	-	ASTM D2270	142
CCS @ -20°C	cP	ASTM D5293	5909
Flash Point (COC)	°C	ASTM D92	240
Pour Point	°C	ASTM D97	-36
Sulphated Ash	%wt	ASTM D874	1.0

STORAGE AND HANDLING

GB INTERCOOLER LSC 15W-40 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB INTERCOOLER LSC 15W-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.