



TECHNICAL DATA

GB INTERCOOLER C 15W-40

APPLICATIONS

GB INTERCOOLER C 15W-40 is a heavy-duty diesel engine oil formulated using the highest quality virgin Group II base oils and enhanced additive systems for use in heavy-duty diesel engines in severe on- and off-highway applications. Whilst meeting the requirements of both Euro IV and Euro V engines, as well as Interim Tier 4 engines, it is not compatible with Diesel Particulate Trap Filters. This product can also be used in petrol engines fitted in vans and cars where API SL performance is specified.

PERFORMANCE FEATURES

GB INTERCOOLER C 15W-40 has been developed for use in heavy-duty diesel engines operating both on- and off-highway 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
- Extended drain capability

PERFORMANCE DETAILS

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

MACK EO-N	RENAULT VI RLD-2	VOLVO VDS-3
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GB INTERCOOLER C 15W-40 may also be used where the following specifications are required:

	ACEA E7	DETROIT DIESEL 93K215	MERCEDES BENZ 228.3
	API CI-4/SL	DEUTZ DQC III-18	MTU Type-2
	CATERPILLAR ECF-2	JASO DH-1	
	CUMMINS CES 20077/78	MAN M3275	

Suitable for use in applications where Komatsu KES 07.851.1 is referenced.

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GB LUBRICANTS

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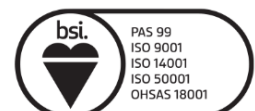
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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			15W-40
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	877
Kinematic Viscosity @ 40°C	cSt	ASTM D445	106.6
Kinematic Viscosity @ 100°C	cSt	ASTM D445	14.6
Viscosity Index	-	ASTM D2270	141
CCS @ -20°C	cP	ASTM D5293	4563
Flash Point (coc)	°C	ASTM D92	240
Pour Point	°C	ASTM D97	-33
TBN	mgKOH/g	ASTM D2896	11.3
Sulphated Ash	%wt	ASTM D874	1.2

STORAGE AND HANDLING

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

Further information on GB INTERCOOLER C 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.