



TECHNICAL DATA

GB XL ANTIFREEZE MAX

APPLICATIONS

GB XL ANTIFREEZE MAX is a heavy duty, versatile antifreeze/coolant concentrate that provides long-life corrosion protection for all engine metals, including aluminium and ferrous alloys.

The coolant has been field tested and has proven to provide the following periods of protection:

- 650,000 km (ca. 8,000 hours) in truck & bus-application or
- 250,000 km (ca. 2,000 hours) for passenger cars or
- 32,000 hours (or 6 years) for stationary engines.

It is recommended to change the coolant every five years or when above mileages or operating times are reached, whichever comes first.

GB XL ANTIFREEZE MAX provides long-life protection against all forms of corrosion by the use of optimised and patented organic corrosion inhibitors. Excellent and lasting high temperature corrosion protection is provided for the aluminium heat transfer surfaces contained in modern engines.

PERFORMANCE FEATURES

GB XL ANTIFREEZE MAX is based on ethylene glycol plus organic acid technology (OAT) and offers the following features:

- Extended life via the use of virtually non-depleting corrosion inhibitors
- Improved heat transfer
- Reduces repairs to thermostat, radiator and water pump
- Excellent cavitation protection
- Improved hard water stability, free of silicates, phosphates, nitrite, amine and borate
- Maintenance-free coolant, saving time and money
- Suitable for mixed fleets, one coolant for automotive and heavy-duty applications

DILUTION

	Concentration by Volume %		
	33	40	50
Specific Gravity 20°C	1.046	1.056	1.068
Frost Protection °C	-20	-27	-40

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PERFORMANCE DETAILS

GB XL ANTIFREEZE MAX meets the performance requirements of the following International Standards and OEM specifications:

ASTM D3306	Wärtsilä 32-9011
ASTM D4656	Wärtsilä SACM Diesel DLP799861
ASTM D6210	
BS 6580	Also suitable for use in
FVV Heft R530, R443	Abarth
KS M 2142	ADE
NATO S-759	AGCO Fendt
TMC RP 364	AGCO Massey Ferguson
UNE 26-361-88/1	AGCO Valtra
GB 27943.1	Alfa Romeo
BAIC Q-FPT 2313005-2013	Alstom
Caterpillar GCM34, MWM 0199-99-2091/12	Aston Martin
CNH MAT 3624, MAT 3724	BYD
Cummins CES 14439, CES 14603	Chrysler
Daimler Trucks & Buses DTFR 29C110, DTFR 29D110	Claas
Detroit DFS93K217, DFS93K227	Dodge
Deutz DQC CB-14	Dongfeng Motor
Fiat / Lancia 9.55523	Evobus
Ford WSS-M97B44-D	Fisker
GM Chevrolet GMW 3420, GMW 18270	Freightliner
GM Saab B 040 1065	GM Pontiac, Saturn
Innio Jenbacher TA 1000-0200	Great Wall Motors
Iveco 18-1830	Hitachi
John Deere JDM H5	Innio Waukesha
Komatsu 07.892 (2017)	Isuzu
Liebherr MD1-36-130	Jeep
MAN 324 Typ SNF	Kobelco
Mazda MEZ MN 121 D	Mahle Behr
Mercedes-Benz 325.3, 326.3	Maserati
Opel/Vauxhall GMW 3420, GMW 18270	Mitsubishi Heavy Industry
Paccar DAF 74002	Navistar International Truck
Paccar Leyland Trucks DW03245403	Suzuki Santana Motors
Rolls Royce Power Systems Bergen 2.13.01	Tedom
Rolls Royce Power Systems MTU MTL 5048	Thermo King
Tata Motors JLR CMR 8229, STJLR 651.5003	Van Hool
Volvo Mack 014 GS 17009	Vestas Wind Systems
Volvo Renault Trucks 41-01-001/--S	Volvo AB Penta
VW MAN B&W D36 5600	Volvo Construction, Trucks
VW MAN Energy Solutions CW MAN 175D	VW Bentley, Bugatti, Lamborghini, Porsche
VW Skoda 61-0-0257	VW Semt Pielstick
VW TL-774 D, TL-774 F	Yanmar

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COMPATIBILITY

GB XL ANTIFREEZE MAX may be used in engines manufactured from cast iron and aluminium, and in cooling systems made of aluminium or copper alloys. Although compatible with other ethylene glycol-based coolants, mixing can significantly reduce the working life of GB XL ANTIFREEZE MAX. Therefore, it is recommended that the cooling system, previously filled with another coolant, is drained and flushed with clean water, before filling with GB XL ANTIFREEZE MAX.

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
Colour	-	-	Fluorescent Orange
Density @ 15°C	kg/m ³	ASTM D5931	1.116
pH 20°C	-	ASTM D1287	8.6

STORAGE AND HANDLING

GB XL ANTIFREEZE MAX should be stored under cover to avoid water collecting in the rim of upturned barrels. Store above -20°C, preferably at ambient temperatures and out of direct sunlight. As with any antifreeze coolant, the use of galvanised steel is not recommended for pipes or any other parts of the storage/mixing installation.

Further information on GB XL ANTIFREEZE MAX 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.

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