



# TECHNICAL DATA

## GB EXTENDED LIFE COOLANT (ELC)

### APPLICATIONS

GB EXTENDED LIFE COOLANT (ELC) is a monoethylene glycol based engine coolant concentrate, incorporating Organic Acid Technology to produce an antifreeze/coolant free from amine, phosphate and silicate, especially suited to heavy duty applications. This engine coolant contains nitrite and molybdate inhibitors, offering excellent protection of cast iron engines and cylinder liners, and is also suitable for use in applications that require CAT EC-1 standard.

### PERFORMANCE FEATURES

GB EXTENDED LIFE COOLANT (ELC) when used at the correct concentration, provides corrosion protection up to 250,000km for passenger vehicles or 1,000,000km for trucks and commercial vehicles. It is recommended that the coolant be changed when these mileages are reached, or after 5 years, whichever is sooner.

### PERFORMANCE DETAILS

GB EXTENDED LIFE COOLANT (ELC) complies with most of the European and International quality standards and is suitable for use against the requirements of the following specifications:

AFNOR NF R15-601	ASTM D6210	FVV Heft R443
ASTM D3306	BS 6580 (2010)	SAE J1034
ASTM D4656	CAT EC-1	UNE 26361-88
ASTM D4985	CUNA NC 956-16	

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## **GB LUBRICANTS**

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Trading Name of Goodall Bates & Todd Ltd



# GB LUBRICANTS

## GB EXTENDED LIFE COOLANT (ELC)

### **DILUTION**

It is recommended that GB EXTENDED LIFE COOLANT (ELC) is diluted with deionised or demineralised water. However, it is formulated to cope with other water qualities, including hard water.

	Concentration by Volume %		
	33	50	67
Frost Protection °C	-20	-40	-70

### **COMPATIBILITY**

GB EXTENDED LIFE COOLANT (ELC) is miscible with other types of antifreeze. However, doing so can significantly lower the performance level of the product, so it is recommended to drain and flush cooling systems before recharging with diluted GB EXTENDED LIFE COOLANT (ELC)

### **CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
Colour	-	-	Fluorescent Red
Density @ 20°C	g/cm <sup>3</sup>	ASTM D4052	1.12
pH (50% vol in water)	-	ASTM D1287	8.3
Boiling Point (50% vol)	°C	ASTM D1120	109
Boiling Point (50% vol)	°C	15lb pressure cap	130

### **STORAGE AND HANDLING**

GB EXTENDED LIFE COOLANT (ELC) should be stored at ambient temperatures under cover to avoid water collecting in the rim of upturned barrels. Avoid exposure to direct sunlight.

Further information on GB EXTENDED LIFE COOLANT (ELC) 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.***