



# TECHNICAL DATA

## GB HYBRID ANTIFREEZE P

### APPLICATIONS

GB HYBRID ANTIFREEZE P is an ethylene glycol based engine coolant concentrate, incorporating Organic Acid Technology and phosphate inhibitor. This coolant is free from nitrites, amines, borates and silicates. GB HYBRID ANTIFREEZE P may be used in engines manufactured from cast iron or aluminium and in cooling systems made of aluminium or copper alloys.

### PERFORMANCE FEATURES

GB HYBRID ANTIFREEZE P is particularly recommended for use in Japanese and Korean vehicles and offers the following features:

- Long-life OAT technology
- Excellent hard water stability
- Premium cavitation protection
- Superior heat transfer properties
- Suitable for mixed fleets

### PERFORMANCE DETAILS

GB HYBRID ANTIFREEZE P is suitable for use against the requirements of the following:

ASTM D3306-20	Bobcat	Mitsubishi	Daihatsu
ASTM D6210-17	Daewoo	Renault Samsung	Hino
JIS K2234-2018 (Japanese Standard)	Honda	Abarth	Lexus
KS M 2142-2014 (Korean Standard)	Kubota	Maserati	Toyota
GB 27943.1-2022	Kia	Opel	Nissan
Ford WSS-M97B57-A1	SsangYong	Vauxhall	Renault
Fiat 9.55523 (Fiat/Lancia)	Mazda	Subaru	Citroen
Fuso (Daimler)	Datsun	Maruti-Suzuki	DS Automobiles
Mercedes Benz 325.7	Infiniti	Suzuki	Peugeot
Hyundai LLC-2, LLC-5, LLC-10	PSA B71 1111	Toyota TSK2601G	

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## **GB LUBRICANTS**

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# GB LUBRICANTS

## GB HYBRID ANTIFREEZE P

### DILUTION

	Concentration by Volume %	
	30	50
Frost Protection °C	-16	-37

### COMPATIBILITY

GB HYBRID ANTIFREEZE P is compatible with most other ethylene glycol based antifreezes. However, the inhibitor technology used is significantly different than other traditional coolants, so it is recommended that systems previously filled with traditional coolants are drained and flushed with clean water before filling with GB HYBRID ANTIFREEZE P, which must be diluted in accordance with vehicle manufacturer instructions. Failure to do this can significantly reduce the working life of GB HYBRID ANTIFREEZE P. If manufacturer advice is not available, a dilution of 50% with good quality water is recommended.

### CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
Colour	-	-	Violet
Density @ 20°C	Kg/l	ASTM D1122	1.119
pH (50% vol in water)	-	ASTM D 1287	7.9

### STORAGE AND HANDLING

GB HYBRID ANTIFREEZE P 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 HYBRID ANTIFREEZE P 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.***