

# QUIMIBERICA, S.A.

## G12 PLUS PLUS



BROOK'S

### TECHNICAL INFORMATION

#### DESCRIPTION AND APPLICATION

**G12 PLUS PLUS** is a new generation **CONCENTRATED** antifreeze-coolant with **hybrid technology**, developed by combining organic acids and silicates. This technology combines the advantages of the two previous technologies, the selective action and duration of organics, and the immediate response of inorganics (silicates). Specially designed for vehicles that require **MAN 324 Type Si-OAT** coolant. Approved for use in trucks with Euro VI engines.

#### PROPERTIES

- Protection against corrosion of all metals due to organic technology inhibitors.
- Free of nitrites, amines, and phosphates. Compatible with gaskets and elastomers used in cooling systems.
- Protection against cavitation. Prevents the formation of bubbles, which promote corrosion and hinder heat transmission.

#### SPECIFICATIONS

ASTM D 3306	SCANIA TB 1451
ASTM D 4985	DETROIT DIESEL 93K217
ASTM D 6210	JIS K2234
AFNOR NFR 15-601	MB 325.5/325.6
BS 6580	MAN 324 Type Si-OAT
SAE J 814	VW TL 774G (G12++)
SAE J 1034	CUMMINS CES 14603
DEUTZ DQC CC-14	

#### TYPE ANALYSIS

PARAMETERS	UNITS	VALUE
Colour	-	Pink
Density (20°C)	g/cc	1,112
Freezing point at 50% vol.	°C	-37
pH	-	8,4

The characteristics mentioned represent typical values.



#### PACKAGING

5 L  
20 L  
200 L  
1000 L

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This information is given as guidance and does not imply contractual liability. The technical data are average values and are subject to usual production fluctuations and do not constitute a product specification. Before using the product, it is recommended to read the information contained on the packaging.

Quimiberica S.A. products are covered by a legal guarantee (Guarantee Law) against lack of conformity under the provisions of the General Law for the Defense of Consumers and Users (Royal Legislative Decree 21/2007) as long as the storage conditions are met, specified in this technical sheet. This technical sheet specifies the duration of said product warranty.

Avda. de Cameros, Parc. 183- Tel.: +34 941 25 66 11- Fax: +34 941 24 15 89-26151 Arrúbal (La Rioja)- SPAIN

[quimiberica@quimiberica.es](mailto:quimiberica@quimiberica.es) - [www.quimiberica.es](http://www.quimiberica.es) - ISO 9001 – ISO 14001 – ISO 45001



### TECHNICAL INFORMATION

#### HOW TO USE

Mix with distilled water in the following proportion:

PROPORTION OF G12 PLUS PLUS	PROPORTION OF WATER	PRACTICAL PROTECTION UP TO
3	2	-50°C
1	1	-37°C
2	3	-24°C

#### STORAGE CONDITIONS AND EXPIRATION

The product does not require special storage measures.

As general storage conditions, sources of heat, radiation, electricity and contact with food should be avoided.

Store closed containers between 5 and 35°C, in a dry and well-ventilated place.

Best before date: 2 years.

#### PRODUCT SAFETY



##### Warning

- H302 Harmful if swallowed.
- H373 May cause damage to organs through prolonged or repeated exposure.

Contains: ethanediol, ethylene glycol.

"Always follow the information on the product label".