



GUARD LIQUIDO PERMANENTE EXTRA G CONCENTRATO

Description

Permanent concentrated liquid based on pure ethylene derivatives rigorously selected with particular additivation, the particular formulation guarantees a high "long life" type of the product, maintaining its chemical-physical features constant over time.

Properties

- Nitrite, amine, phosphate, silicate and borate free.
- Excellent protection against corrosion and cavitation, even at low concentrations.
- Mixable with water in any ratio.
- Avoids the formation of foam.
- Hinders the formation of deposits and sludge in the cooling circuit.
- Great thermal stability.
- Has the necessary alkaline capacity to neutralize the acidic combustion gases that inevitably pass through the refrigeration circuit.
- Compatible with joints and gaskets, thus avoiding product loss risks.
- It can be used in all refrigeration circuits including industrial ones.
- Not suitable for food use.

Quality levels, approvals and recommendations

- ASTM: D3306
- BS 6580:2010
- FORD: WSS-M97B44
- MAN: 324 type SNF
- MTU MTL 5048
- VOLVO: 1286083
- ASTM: D4985
- CUNA NC 956-16
- GM W3420
- MB: 325.3
- SAE: J 1034
- VW: TL 774-D/F



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Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Yellow
pH 50% vol. in water	-	ASTM D1287	>7.5
Water content	%	ASTM D1123	<5
Freezing point (at 50%)	°C	ASTM D1177	<-36
Density at 20 °C	g/cm ³	ASTM D891	1.12
Boiling point, 50% vol	°C	ASTM D1120	>108
Reserve alkalinity	ml HCl 0.1N	ASTM D1121	>5

The above mentioned characteristics are typical values and should not be considered product specifications.