

GEL LD

CONCENTRATED ANTI-FREEZE FORMULATED WITH
INHIBITED MONOETHYLENE GLYCOL (MEG)

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Rev.3

APPLICATIONS

Sealed or not sealed cooling circuits for all type of combustion engines.

ADVANTAGES

- Contains special inhibitors for a maximum protection of aluminium alloys.
- Free of nitrites, amines and phosphates.
- Excellent thermal conductivity for a maximum cooling of the engine.
- Excellent compatibility with flexible connections, elastomere and plastic parts.

PERFORMANCES

Corrosion test ASTM D 1384

Metals	Average loss in mg / test - tube		
	Pure water	Non inhibited product	GEL LD
Copper	49	6,5	< 5
Soldering	137	345	< 5
Brass	13	8	< 5
Steel	700	1474	< 5
Cast iron	775	2472	< 5
Aluminium	121	36	< 5

PROTECTION LEVELS

% volume in water	Protection up to (°C)
10	- 4
25	- 12
33	- 15
40	- 24
50	- 35
100	- 13

GEL LD

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	AVERAGE VALUES
Colour	-	-	blue - green
Density	kg/m ³	NFR 15.602.1	> 1120
Water content	%	NFT 78-104	< 5
pH at 50 % in water	-	NFT 78-103	7 to 8,5
Boiling point	°C	NFR 15.602.4	> 155
Flash point	°C	NFM 07019	> 115
Alkaline potential	ml	NFT 78-101	21.5 to 25.5
Foam tendency	ml	NFR 15.602.5	< 50
Compatibility with hard waters	-	NFR 15.602.6	no deposit

Average values are given for information only.

HEALTH, SAFETY AND ENVIRONMENT

Elimination after use must be made in conformity with the local rules in force about disposal.

When needed, Safety Data Sheet can be obtained upon request.

GEL LD does not contain nitrites or amines but is based on monoethylene glycol (MEG); therefore it is subject to statutory labelling for dangerous substances (poisonous if ingested).

Keep out of reach of children, do not swallow, do not put into sewers or surface waters, keep it stored in original package.