

GEL LD

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

700001/12.19

Rev.3

DESCRIPTION

GEL LD is an anti-freeze concentrate of the G11 type based on monoethylene glycol (MEG). This liquid can be used in sealed or unsealed cooling circuits of cars and trucks, tractors, earth-moving machines and the like. It is recommended to change the coolant every 5 years.

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, elastomers and plastic parts.
- Gel LD is not suitable for systems where a G12 coolant is required, but can mix with all antifreezes conforming to G12 and G12 + standards.
- For applications that accept G11 antifreeze: emergency additions of G11-antifreeze are possible when using Gel LD.
- When starting to use Gel LD there is no need for special washing procedures for the cooling system, although it is advisable to do so to achieve optimal system protection.

SPECIFICATIONS

ASTM D3306
ASTM D 4985
SAE J 1034
BS 6580 (1992)
AFNOR NF R15-601

GEL LD

PROTECTION LEVELS

% volume in water	Protection up to (°C)
10	- 4
25	- 12
33	- 15
40	- 24
50	- 36
100	- 13

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.