

UltrageL

LONG LIFE ANTI-FREEZE G12+

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Rev. 1

DESCRIPTION & APPLICATIONS

ULTRAGEL is an organic antifreeze based on mono ethylene glycol (MEG) of exceptional quality and G12+.

ULTRAGEL is used in all closed and open cooling systems in cars, trucks, machinery for agriculture and civil works.

Practice tests on a very large number of vehicles show full protection for at least 650,000 km (8000 h) on heavy duty engines and for 250,000 km for engines of cars and vans.

It is recommended to change the coolant every 5-year.

ADVANTAGES

- Excellent thermal conductivity for a maximum cooling of the engine.
- Contains special inhibitors for a maximum protection of aluminium alloys
- Real long life antifreeze thanks to the strong reserve alkalinity.
- Compatible with the radiator hoses, the elastomers and plastic parts.
- Miscible with refrigerants of the same origin (MEG)

PERFORMANCES

Satisfies to the following specifications:

ASTM D-4985

ASTM D 6210

MTU 5048

Waukesha

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

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

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

Conservation of the product: 3 year(s) in closed container and sheltered.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 20°C	kg/m ³	NFT 60101	1113
Boiling point @ 1013 mbar	°C	-	172
Color	-	-	orange
Monoethyleneglycol	%	-	93
Inhibitors	%	-	5
pH at 50% in water		ASTM D 1287	8,5
Watercontent	% w/w	ASTM D 1123	<4
Ash content	%	ASTM D 1119	1,1
Reserve Alkalinity (pH 5,0)	-	ASTM D 1121	9,78
Compatibility with hard water	-	VW PV 1426	No precipitation
Staining on non-ferro metals	-	GME 60 255	none
Staining characteristics	-	ASTM D 1882	none
Nitrites, amines, phosphates	-	-	none
Borates, silicates	-	-	none

The average values are given for information only.