

# UNITED GLYCOL -G12+ ANTIFREEZE COOLANT

## Product Description

**Antifreeze Coolant with concentrated glycol formulated with organic acid technology (OAT). Use of OAT coolants can extend the life of rubber coolant hoses as they conduct less electrochemical degradation than conventional antifreeze.**

Fully concentrated glycol formulated offer outstanding protection to the cooling system for 5 years or 250,000km. It is an ethylene glycol-based formulation suitable for use in cooling systems of all types of liquid cooled automobiles like passenger cars, light trucks, heavy duty vehicles and industrial internal combustion engines. The formulation is designed for both gasoline and diesel engines.

This patent formula is especially recommended for use in all and newer vehicles as well as all other cars and light duty trucks. It is compatible with aluminum radiators, mixed aluminum, and brass cooling circuits.

## Applications / Benefits

- \* Optimum year-round protection against winter freeze up and summer boil over
- \* Excellent cavitation protection in conventional and aluminium engines
- \* Outstanding compatibility with gaskets and lacquer
- \* Extended durability of the water pump

## Typical Characteristics

Test Description	Method	Unit	
Specific Gravity @ 15 °C	ASTM D 4052	g/ml	1.113 - 1.119
Flash Point	DIN ISO 2592	°C	> 110
Reserve Alkalinity	ASTM D 1121	ml	Min 5.6
pH	-	-	8.2 - 8.6
Boiling Range	-	°C	> 163
Freezing Point	ASTM D 1177	°C	-30
Appearance	-	-	Pink

*\*Typical specifications based on fully concentrated glycol*

## Suggested Ratio Mixture

Freezing Point	Concentrate : Distilled Water
-45°C	1 : 0.5
-30°C	1 : 1
-15°C	1 : 2

## Suggested for the Following Uses

* ASTM	D3306
* ASTM	D4985
* AFNOR	NF R156-601*
* BS	6580 (2010)
* CHRYSLER	MS 9176
* CUNA	NC 956-16
* CUMMINS	85T8-2 & 90T8-4
* JIS	K 2234
* JOHN DEERE	H24 B1 & C1
* FFV	HEFT R443
* FORD	ESE M97B49-A
* FORD	ESD M97B49-A
* FORD	WSS-M97B44-D
* LEYLAND TRUCKS	LTS 22AF 10
* MACK	014GS 17004
* MAN	248, 324 (SNF) & B&W D 36 5600
* MERCEDES	MB 325.3
* NATO	S 759
* RENAULT	41-01-001
* SAE	J 1034
* UNE	26361 - 88
* VAG	TL 774F (G12+)**
* VOLVO	

\* with the exception of reserve alkalinity

\*\* improved version of VAG TL 774D (G12)

Reference No.  
9925G12+COOLREV4

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