

CHAMPION ANTIFREEZE G11

An undiluted on ethylene glycol based coolant concentrate for use in engines. It employs Inorganic Acid Technology (IAT) inhibitor and is nitrite, amine and phosphate (NAP) free and includes borate and silicate. This sophisticated technology eliminates the formation of silicate gel which is observed with inferior products. It offers total and permanent protection of the cooling system and a life span of 3 - 4 years or 60000 km to 85000 km for passenger cars and professional applications.

APPLICATIONS

Formulated for use in all engines including those constructed from aluminium alloys. Best choice for older cooling systems that have copper/brass radiators and heater cores, especially for the lead solder used in them. Suitable when diluted for cooling circuits of the open or closed type (vehicles and heating). Advised to dilute with demineralised water. Protection temperature: -16 °C needs 30% AF // -22 °C needs 40% AF // -36 °C needs 50% AF.

FEATURES

Anti-freeze properties: Very good low/high temperature performance

Anti-corrosion properties: Adequate corrosion protection

SPECIFICATIONS

AFNOR	NF R 15-601	DTFR	29C100
ASTM	D3306	MAN	324 NF
ASTM	D4985	MB	325.0
BS	6580	MTU	MTL 5048
POLISH STANDARD	PN-C-40007	VW	TL 774-C (G11)
SAE	J1034		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Freezing point 50% vol. AF	ASTM D1177	°C	-36
Reserve alkalinity	ASTM D1121	ml 0.1M HCl	6.0
Density at 20°C	ASTM D4052	g/ml	1.119
Colour	VISUAL		BLUE

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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