

ANTI-FREEZE STANDARD 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.

SPECIFICATION LEVEL

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

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Freezing point 50% vol. AF	ASTM D1177	°C	-36
Reserve alkalinity	ASTM D1121	ml 0.1M HCl	20.0
Density at 20°C	ASTM D4052	g/ml	1.125
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

G. Gilliotstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

CHAMPION®