

ANTIFREEZE

High quality radiator antifreeze



ANTIFREEZE is an ethylene glycol based engine coolant concentrate formulated for optimum performance in heavy duty diesel engine applications but equally suitable for light duty use. It employs established inhibitor technology and is phosphate and amine free. BTC Classification Type 3EN The inhibitors in Antifreeze include organic acids in combination with borate, silicate and nitrite which are well known for their ability to provide excellent protection in heavy duty applications particularly where there is potential for cavitation erosion corrosion to occur. Antifreeze uses sophisticated silicate stabilisation technology to eliminate the potential for formation of silicate gel. Good compatibility with hard water and prevents the formation of scale. Meets requirements of ASTM D3306, ASTM D1384, ASTM D 4340, ASTM D2570, ASTM D2809.

ADVANTAGES

Ethylene glycol based.

Established inhibitor technology and is phosphate and amine free. BTC Classification Type 3EN.

Uses borate, silicate and nitrite inhibitor technology.

TECHNICAL DATA

APPEARANCE	Green liquid
Density @20°C	1.119
Freezing Point °C (50% Dilution by vol.)	-37
Freezing Point °C (33% Dilution by vol.)	-20
pH (50% vol.)	8.2
PACK SIZES	20 litre, 1000 litre (IBC)

PRECAUTIONS

Keep away from heat, sparks and open flame. Ensure that the working area is well ventilated.

STORAGE PRECAUTIONS

Store at temperatures between 4-40 °C in tightly closed original container in a dry and cool place.

ACCREDITATIONS & REGISTRATIONS

➤ Antifreeze exceeds the requirements of most European and International Standards including: ASTM D3306, ASTM D 4985, ASTM D 6210, SAE J 1034, BS 6580 (2010), AFNOR NF R15-601, JIS K2234.

HEALTH AND SAFETY

Refer to Safety Data Sheet (available on request).



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CORROSION TEST

Weight Loss mg/ Coupon						
Copper	Solder	Brass	Steel	Cast Iron	Aluminium	
1	5	1	2	-1	1	

FREEZE PROTECTION

	CONCENTRATION BY VOLUME %				
	25	33	40	50	60
Specific Gravity 20/4°C	1.030	1.045	1.060	1.074	1.087
Freeze Protection * °C	-12	-22	-27	-40	-56

*Average of Freezing Point and Pour Point

RELATED PRODUCTS



UNIVERSAL DE-ICER
General purpose liquid de-icer
for rail industry



THAW GRANULES
Modern, clean, ice and snow
defrost granule



**TRAIN WINTER GRADE
SCREEN WASH**
Train windscreen wash for use in
freezing conditions

