

Alycol Cool concentrate

coolant concentrate



Alycol Cool concentrate is a pink coloured monoethylene-glycol based antifreeze coolant concentrate, containing a corrosion inhibitor additive. It is free from nitrites, amines, silicates, borates and phosphates, and is suitable for filling the cooling systems of internal combustion engines. Alycol Cool concentrate can be mixed with other monoethylene-glycol and monopropylene-glycol based antifreeze coolants without limitation. *The Alycol Cool concentrate is compatible with hard water, and can be mixed even with tap water prior to filling the cooling system with a suitable mixing ratio, so that the solution has a concentration of 33-55 % (V/V). The coolant liquid is resistant to hard water containing a maximum concentration of 500 ppm of calcium chloride (CaCl₂). Dilution data:

Conc.(%)	Water (%)	Freeze protection
33	67	-18
40	60	-25
50	50	-36
67	33	-60

Application



Cooling systems of passenger and commercial vehicles, agricultural and construction machines

Features and benefits

Good corrosion protection

Forms a stable protective film on the inner surface of the cooling system to ensure a long lifetime

Application specific composition

Protection against cavitation and sludge sedimentation

Compatible with construction materials

There's no damage to the plastic and rubber parts of the cooling system

Specifications and approvals

BS 6580:2010
ASTM D 3306
ASTM D 4985

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Properties

Properties	Typical values
Appearance	pink
Density at 15°C [g/cm ³]	1,114
Water content (KF) [mass %]	4,7
Foaming characteristics at 88 °C	
- foaming / volume (1:2 distilled water) [cm ³]	35
- foaming / foam stability (1:2 distilled water) [s]	2
Corrosion test in glassware, weight loss (1:2 distilled water) [mg]	
- cast iron (1:2 distilled water) [mg]	-0,5
- copper (1:2 distilled water) [mg]	0,7
- brass (1:2 distilled water) [mg]	0,8
- steel (1:2 distilled water) [mg]	0,9
- solder (1:2 distilled water) [mg]	3
- cast aluminium (1:2 distilled water) [mg]	4,3
pH value (1:2 distilled water)	8,2
Refractive index at 20 °C	1,43
Alkalinity [ml 0,1M HCl/10 ml]	3,0
Hamutartalom [mass %]	0,4

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Should be stored in its original packaging with airtight sealing, separately from foods, in a place protected against water and sunshine, locked away from children.

In the original container under the recommended storage conditions: 48 months

Recommended storage temperature: -13°C - +30°C

Ordering information

Custom Tariff Number 38200000

SAP code and packaging:

19010010	Alycol Cool concentrate X1L	1 l plastic bottle
19010012	Alycol Cool concentrate 4L	4 l plastic can
19010366	Alycol Cool concentrate 10L	10 l plastic can
19010013	Alycol Cool concentrate 65KG	60 l steel drum (for order only)
19010011	Alycol Cool concentrate 220KG	216.5 l steel drum (for order only)
19010367	Alycol Cool concentrate 1100KG	IBC (for order only)
19010368	Alycol Cool concentrate 1100KG R1W	IBC (for order only)

Order booking:

Please contact your local distributor or sales partner for ordering details.