

BIO-Coolant -35°C

Bio-Coolant -35°C is used as a heat transfer fluid in combustion engines, heat transfer systems, etc. The heat from the internal combustion is brought to the radiator where the mixture is cooled by means of air. This product is biodegradable, non-toxic and contains anti-rust ingredients, effective down to -35°C. Protects metals and alloys in your installation from corrosion.



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Applications

In all systems that are susceptible to contamination of its immediate environment. All governments locally as well as nationally set the requirement and/or prefer that liquids should be environmentally friendly as much as possible. Governments in general use the order award for a work by means of tenders, which limits your distinctiveness. It is precisely by reducing the environmental impact that you increase the order award. (see also bio hydraulic oil)

Compatibility and miscibility

Bio-Coolant is compatible with most other refrigerants based on propylene glycol with OAT technology. Exclusive use is recommended for optimal corrosion protection and should only be diluted with clear, colourless and odourless water that meets the following requirements.

Total hardness: max. 2,8 °dH (German hardness levels)
 Chlorides (Cl-) : max. 50 mg/l
 Iron and copper concentration: max 0.5 mg/l
 Electrical conductivity: max 10 µS/cm pH bij 20°C: 5 – 7

Storage

Ambient temperatures above and exposure to direct sunlight should be avoided. As with any refrigerant, the use of galvanized steel is not recommended for pipes, piping and other parts of the storage/mixing plant. 35°C

Technical data

Test			Results
Classe-Coolant	Method	Unit	BIO-Coolant -35°C
propylene glycol	Internal	% w/w typ.	49
inhibitor content	Internal	% w/w typ.	2
water content	ASTM D1123	% w/w max	49
nitrite, amine, nitrate, silicate	IC/EAF		Nihil
colour	visual		Green
Density at 20°C	ASTM D5931	kg/dm3 typ.	1.025
equilibrium boiling point	ASTM D1120	°C typ.	164
pH at 20°C	ASTM D1287	°C typ.	9.9
refractive Index at 20°C	ASTM D1218	°C typ.	1.433



Article number 83755
Contents 5 liter

Article number 83782
Contents 25 liter