



cooling

Cooltrans^{CT}

Cooltrans^{CT} is a high performance, Mono Ethylene Glycol based, heat transfer fluid designed for secondary refrigerant and industrial cooling applications.

Cooltrans fluids have been specifically designed to deliver higher resistance to degradation, scale, bacterial growth and corrosion.

All fluids are tested to and exceed the ASTM D1384-05 corrosion test standard, offering excellent freeze protection, cleaner circuits, efficient heat transfer and long term cost benefits to system maintenance.

Property	Test Method	Unit	Value
Appearance	Visual	N/A	Orange or customer specific
Boiling point @ 1013mbar	ASTM D1120-11	°C	165
Conductivity @ 25°C (33% Vol in water)	ASTM D1125	µS I cm	1178
Density @ 20°C	ASTM D7042-11	g / cm ³	1.1134
Dynamic Viscosity @ 20°C	ASTM D7042-11	mPa.s	20.50
Flash Point (CoC)	ASTM D92	°C	110
Kinematic Viscosity @ 20°C	ASTM D7042-11	mm ² /s	18.41
Pour Point	IP15	°C	<-25
pH @ 20°C (33% Vol in water)	ASTM E70-07	pH	8.2-9.6
Refractive Index @ 20°C	ASTM D1747-09		1.429
Surface Tension @ 20°C (33% Vol in water)	ASTM D1331	mN / m	45
Water Hazard Classification		WGK 1	

- All properties are in concentrate form unless otherwise stated.

- **Ethane-1,2 diol based**
- **Conforms to ASTM D1384-05**
- **For use in industrial cooling applications**
- **Comprehensive inhibitor package**
- **Temperature range -40 to 90°C**

Cooltrans^{CT} is available in the following pack sizes:

5, 10, 20, 25, 215, 1000 litre or bulk tanker deliveries.

The Kilfrost Speciality Fluids Division offers a range of heat transfer fluids which are used in a wide variety of heating and cooling applications.

Global leaders for over 80 years, the Kilfrost brand is synonymous with innovation and technical excellence and continues to lead the way in safety critical markets worldwide.