

Thermatrans^{TT}

Thermatrans^{TT} is a high performance, Mono Ethylene Glycol based, heat transfer fluid designed for heat pump applications.

Thermatrans^{TT} has 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 Liquid
Boiling point @ 1013mbar	ASTM D1120-11	°C	165
Conductivity @ 25°C (33% Vol in water)	ASTM D1125	µS / 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 in concentrate form unless stated

- Ethane-1,2 diol based
- Conforms to ASTM D1384-05
- Comprehensive inhibitor package
- For use in industrial applications, ground and air source heat pumps
- Temperature range -40 to 130°C

Thermatrans^{TT} has a shelf life of 2 years and is available in 20, 25, 215, 1000 litre container sizes and bulk. Please see Technical Support Guide for further details.

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.



If you require any further technical, health and safety information or to receive a quotation, please contact Kilfrost: info@kilfrost.com Tel: +44 (0)1434 320 332 Fax: +44 (0) 191 230 0426

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