



Thermatrans^{TT}

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

Physical Properties in Concentrate Form Unless Stated	Test Method	Thermatrans ^{TT}
Reserve Alkalinity (ml)	ASTM D1121	8
pH (50% Soln) @ 20°C	ASTM D1287	8.5
Operating Temperature Range (°C)		-40 to 130
Viscosity (mPa.s) @ 20°C	ASTM D445	19
Appearance / Odour	Visual	Orange / Slight
Density (g/cm ³) @ 20°C	ASTM D704	1.12
Refractive Index @ 20°C	ASTM D1218	1.43

- **Wide operating temperature range**
- **Comprehensive inhibitor package**
- **Low viscosity**
- **Conforms to ASTM D1384 Corrosion Test Standard**

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 technical 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.

Established for 75 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
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Thermatrans Plus^{TTP}

Thermatrans Plus^{TTP} is a high performance Mono Propylene Glycol based heat transfer fluid designed for heat pump applications.

Physical Properties in Concentrate Form Unless Stated	Test Method	Thermatrans Plus ^{TTP}
Reserve Alkalinity (ml)	ASTM D1121	8
pH (50% Soln) @ 20°C	ASTM D1287	8.5
Operating Temperature Range (°C)		-35 to 120
Viscosity (mPa.s) @ 20°C	ASTM D445	49
Appearance / Odour	Visual	Blue / Slight
Density (g/cm ³) @ 20°C	ASTM D704	1.05
Refractive Index @ 20°C	ASTM D1218	1.43

- **Propane-1,2-Diol based**
- **Wide operating temperature range**
- **Comprehensive inhibitor package**
- **Conforms to ASTM D1384 Corrosion Test Standard**

Thermatrans Plus^{TTP} has a shelf life of 2 years and is available in 20, 25, 215, 1000 litre container sizes and bulk.

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Thermatrans^{Sustain TTS}

Thermatrans^{Sustain TTS} is a high performance bio derived heat transfer fluid designed for heat pump applications.

Physical Properties in Concentrate Form Unless Stated	Test Method	Thermatrans ^{Sustain TTS}
Reserve Alkalinity (ml)	ASTM D1121	5
pH (50% Soln) @ 20°C	ASTM D1287	8.5
Operating Temperature Range (°C)		-50 to 150
Viscosity (mPa.s) @ 20°C	ASTM D445	54
Appearance / Odour	Visual	Green / Slight
Density (g/cm ³) @ 20°C	ASTM D704	1.06
Refractive Index @ 20°C	ASTM D1218	1.44

- **Propane-1,3-Diol based**
- **Wide operating temperature range**
- **Comprehensive inhibitor package**
- **Conforms to ASTM D1384 Corrosion Test Standard**
- **Low viscosity**

Thermatrans^{Sustain TTS} 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 technical details

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