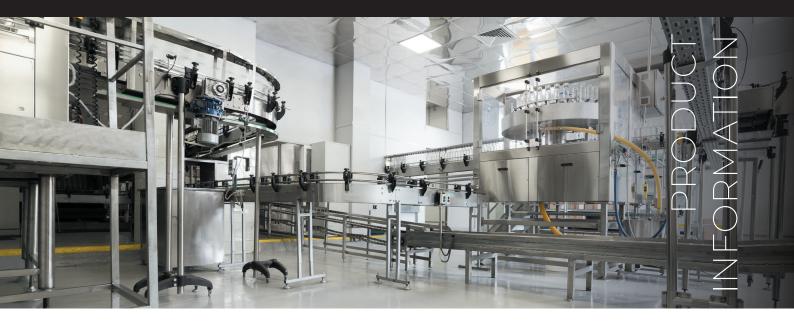


www.thermalfluidsolutions.com

UK Head Office: 20 Hallsteads, Doveholes, Derbyshire, SK17 8BJ +44 (0) 1298 815862

US Office: 25587 Conifer Road Suite 105-606 Conifer, CO USA 80433

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THERMALTRANS FG HEAT TRANSFER FLUID

Our Thermal Fluid Solutions Thermaltrans FG is an ultra-pure, high quality heat transfer fluid, specially designed for use in food process plants. Its exceptional resistance to oxidative breakdown promotes a long service live and greatly reduces solid/resin formation, reducing the risk of blocked valves and premature oil changes, increasing operation efficiency.

PERFORMANCE BENEFITS

- NSF Approved Making it an ideal choice in a multitude of applications such as central heating cooking facilities and in the manufacturing of food packaging products.
- High Temperature Performance May be used in heat transfer systems with continuous bulk operating temperatures up to 326'C. The increased lubricity at high temperatures leads to reduced pump bearing wear, and greatly reduces solid/resin formation which can block valves and result in loss of system efficiency.
- Thermal Stability Thermally stable, excellent heat transfer efficiency and service life.

NSF and FDA Approved







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PRODUCT SPECIFICATION

Appearance	Clear colourless liquid
Specific Gravity @ 15 oC	0.869
Coefficient of thermal expansion	0.000760 per °C
Kinematic viscosity at 100°C (ASTM D-445)	5.8cSt
Kinematic viscosity at 40°C (ASTM D-445)	35cSt
Pour Point	-18°C
Closed Flash Point (IP34)	>218°C
Vapour Pressure, kPa @ 300°C	11.00
Pseudocritical density	298 kg/m³ (2.49 lb/ft³)
Maximum oil film temperature	340°C
Maximum bulk oil temperature	325°C