HEAT-PLUS
PAG 46

HEAT TRANSFER FLUIDS

321900801

GLYCOL BASED HEAT TRANSFER FLUID

Formulated with glycol, this heat transfer fluid is fully compatible with the majority of glycol-based fluids in the market. Its unique proprietary formulation offers exceptional oxidation stability, surpassing that of competing glycol-based fluids like UCON-500. Even in the most challenging applications, this product guarantees countless hours of hassle-free operation. Additionally, it is a low-odor, non-toxic, and non-hazardous formulation that requires no special disposal procedures or health and safety warnings. However, it is incompatible with conventional mineral oil-based heat transfer fluids and PAOs. This product is suitable for heat transfer systems that rely on fuel oil, gas, or electricity to heat a fluid, which is then utilized to transfer heat to the intended application point.

PROPERTY	METHOD	VALUE
Base oil type		PAG
Density kg/dm³		0.98
Viscosity @ 40 °C, mm²/s	ASTM D445	46
Viscosity @ 100 °C, mm²/s	ASTM D445	9,2
Flash point, °C	ASTM D92	225
Pour point, °C	ASTM D97	-45
Auto-ignition point, °C	ASTM D92	325
Carbon residue, by % mass	ASTM D189	0,007
Copper corrosion 24h	ASTM D130	1a
Average molecular weight		320
Distillation range, °C 10%	ASTM D2887	371
Distillation range, °C 90%	ASTM D2887	517

CATEGORY

- Industry Specific

BENEFITS

- Excellent thermal efficiency and stability
- Long life
- Outstanding thermal and oxidation stability
- Prevents from sludge and deposits
- Clean operation
- Protects from rust and corrosion

All data on this technical data sheet is indicative only

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