

HEAT-PLUS GEN 22

HEAT TRANSFER FLUIDS

321900501



PREMIUM HEAT TRANSFER FLUIDS

These fluids consist of synthetic base fluids that are highly stable thermally and oxidatively. Additionally, they are supplemented with proprietary additives that significantly prolong their life compared to regular and other synthetic fluids, and enable them to perform exceptionally well at very high operating temperatures in both open and closed systems. Moreover, these fluids are non-toxic, non-hazardous, and have the ability to resist carbon formation. These fluids are utilized as a heat transfer medium in various food-related applications, suitable for systems with a maximum operating temperature of 328 °C. The maximum temperature of the fluid film should not exceed 343 °C.

CATEGORY

- Industry Specific

BENEFITS

- Excellent thermal & oxidation stability which contributes to long life at very high temperatures
- Very high flash, fire & auto-ignition temperatures for added safety
- Very low volatility and vapour pressures
- High heat capacity and thermal conductivity
- Excellent deposit control to help keep system clean
- Low viscosity at operating temperatures for improved pumping efficiency
- Excellent demulsibility and cold flow properties for smoother start ups

PROPERTY	METHOD	VALUE
Flash point, °C		230
Viscosity @ 40 °C, mm ² /s		22
Viscosity @ 100 °C, mm ² /s		4.2
Pour point, °C		-15
Thermal conductivity (W/mk) @ 38 °C		0.142
Thermal conductivity (W/mk) @ 316 °C		0.127
Heat capacity (kJ/kg K) @ 38 °C		1.97
Heat capacity (kJ/kg K) @ 316 °C		2.88
Vapour pressure (kPa) @ 316 °C		11.44

All data on this technical data sheet is indicative only

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