

# HEAT-PLUS GEN 32

HEAT TRANSFER FLUIDS

321900601



## PREMIUM HEAT TRANSFER FLUIDS

This product consists of synthetic base fluids that exhibit excellent thermal and oxidative stability, which are further improved with proprietary additives to extend their lifespan beyond that of standard and other synthetic fluids. These additives also enhance the fluids' performance, allowing them to operate at high temperatures in both open and closed systems. Additionally, these fluids are non-toxic, non-hazardous, and resistant to carbon formation. In various food-related applications, these fluids serve as a heat transfer medium and are intended for use in systems that can operate at a maximum temperature of 328 °C. The highest temperature that the film can reach is 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		240
Viscosity @ 40 °C, mm <sup>2</sup> /s		32
Viscosity @ 100 °C, mm <sup>2</sup> /s		6
Pour point, °C		-20
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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