

# HEAT-PLUS GEN OX 32

HEAT TRANSFER FLUIDS

321900201



## PREMIUM HEAT TRANSFER FLUID WITH ADDITIONAL PROTECTION AGAINST OXIDATION

This product is formulated with synthetic base fluids that possess excellent thermal and oxidative stability. Proprietary additives are incorporated to increase their lifespan, surpassing that of other synthetic fluids, and offer superior performance at high operating temperatures in both open and closed systems. The product is environmentally friendly and does not produce carbon deposits. This product is designed for use as a heat transfer fluid in "open" heat transfer systems that may come into direct contact with air. These systems are commonly found in temperature regulation units.

## CATEGORY

- Industry Specific

## BENEFITS

- Additional protection against oxidation for applications where moisture, oxygen and copper are present
- 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 vapor 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 smother start ups

PROPERTY	METHOD	VALUE
Colour		Colourless
Density @ 15 °C, kg/dm <sup>3</sup>		0.87
Viscosity @ 40 °C, mm <sup>2</sup> /s		42
Viscosity @ 100 °C, mm <sup>2</sup> /s		6.5
Viscosity index		102
Flash point, °C		230
Pour point, °C		-12
Thermal conductivity @ 38 °C, W/m K		0.142
Thermal conductivity @ 316 °C, W/m K		0.127
Heat capacity at 38 °C, KJ/Kg K		1.97
Heat capacity at 316 °C, KJ/Kg K		2.88
Vapour pressure at 316 °C, KPa		11.44

All data on this technical data sheet is indicative only

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