



Heatmax AX

Premium heat transfer fluid with additional protection against oxidation

Description

Heatmax AX is made with very thermally and oxidative stable synthetic base fluids. They are further enhanced with proprietary additives that greatly extend their life over normal and other synthetic fluids and provide for exceptional performance and very high operating temperatures in both open and closed systems.

Heatmax AX is non toxic and non hazardous and resist carbon formation.

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 smoother start ups

Applications

Heatmax AX is used as a heat transfer medium in so called "open" heat transfer systems where direct contact with air is possible. Most of these systems are seen in temperature regulator units.

Typical performance data

	AX
Colour	Colourless
Density @15 °C, g/ml	0.87
Viscosity cSt @ 40 °C, cSt	42
Viscosity cSt @ 100 °C, cSt	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 performance data on this Technical Data Sheet are indicative only and can vary during production

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