

HEATMAX AX 32

Product code: 261900201

Premium heat transfer fluid with additional protection against oxidation

This product 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. It is non toxic and non hazardous and resist carbon formation.

Benefits & Advantages

- 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

This product 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

| Typical | Test Method | Value |
|--------------------------------------|-------------|------------|
| 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.