

# HEATMAX B 32

Product code: 261900301

## Diathermic fluid

This product is a high performance heat transfer oil recommended for most installations. It meets the requested qualities for diathermic fluids:

- Thermal stability
- Chemical stability
- Low vapour tension
- Fully neutral towards metals
- Non toxic
- Benefits
- Viscous oil from highly refined paraffinic base oil

## Benefits & Advantages

- Higher resistance against thermal cracking than conventional (higher viscosity) fluid
- Oxidation resistant
- Faster transfer to turbulent flow also during start-up operations thanks to good low temperature fluidity
- Less energy consumption resulting in reduced operating costs
- Extended service and fluid life

The product is recommended for heat transfer systems in a generator equipped with expansion vessels and a proper circulation speed, where the maximum oil temperature does not exceed 315 °C.

## Typical Performance Data

Property	Test Method	Value
Viscosity @ 40 °C, mm <sup>2</sup> /s (cSt)	ASTM D445	30,3
Viscosity @ 100 °C, mm <sup>2</sup> /s (cSt)	ASTM D445	5,4
Density @ 20 °C, kg/m <sup>3</sup>	ASTM D4052	870
Density @ 100 °C, kg/m <sup>3</sup>	ASTM D4052	812
Viscosity index	ASTM D2270	113
Flash point, COC, °C	ASTM D92	208
Pour point, °C	ASTM D6892	-15
TAN, KOH/kg	ASTM D664	0,01
Vapour tension @ 200°C, mbar		2
Vapour tension @ 250°C, mbar		16
Vapour tension @ 300°C, mbar		55

All performance data on this Technical Data Sheet are indicative only and can vary during production.