



Heatmax B

Diathermic fluid

Description

Heatmax B 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

- 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

Applications

Heatmax B 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

	Test method	B22	B32	B100
Viscosity @ 40 °C, cSt	ASTM D445	21,8	30,3	95,4
Viscosity @ 100 °C, cSt	ASTM D445	4	5,4	
Density @ 20 °C, kg/m ³	ASTM D4052	0,860	0,870	0,883
Density @ 100 °C, kg/m ³	ASTM D4052	0,810	0,812	
Viscosity index	ASTM D2270	96	113	
Flash point, COC, °C	ASTM D92	200	208	259
Pour point, °C	ASTM D6892	-15	-15	-12
TAN, KOH/kg	ASTM D664	0,01	0,01	<0,03
Vapour tension @ 200°C, mbar		9	2	
Vapour tension @ 250°C, mbar		38	16	
Vapour tension @ 300°C, mbar		135	55	

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

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