

## THERM POWER 46

### Heat Transfer Fluid

**THERM POWER 46** is a premium quality heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 315 °C.

**THERM POWER 46** is based on high quality virgin mineral base oil to ensure the following properties:

- Excellent thermal and oxidation stability.
- Minimizes deposit formation and viscosity increase.
- Extended service life and reduced downtime.
- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 315 °C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local overheating.
- Non corrosive to aluminium, steel, copper, brass or bronze.
- Non-toxicity of this oil provides easy disposal of used oil.

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Class			46
Density @15 °C	kg/m <sup>3</sup>	ASTM D4052	873
Kin. Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D7042	48
Kin. Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D7042	6.9
Viscosity Index		ASTM D2270	103
Flash Point COC	°C	ASTM D92	>210
Pour Point	°C	ASTM D7346	-12
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