

SYNTHETIC HEAT TRANSFER OIL

Synthetic Heat Transfer Fluid

SYNTHETIC HEAT TRANSFER OIL is a high quality synthetic heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 350°C.

SYNTHETIC HEAT TRANSFER OIL is based on high quality synthetic technology 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 350°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
Density @15°C	kg/m ³	ASTM D4052	836
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	23.4
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	4.8
Viscosity Index		ASTM D2270	135
Flash Point COC	°C	ASTM D92	>210
Pour Point	°C	ASTM D7346	-24
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