



TECHNICAL DATA

GB THERM X 32

APPLICATIONS

GB THERM X 32 is a heat transfer fluid that has been developed using the highest quality mineral virgin base oils and advanced additive systems for use in closed circulating systems, operating at bulk temperatures of up to 316°C. The product's high specific heat allows it to supply or remove large amounts of heat whilst its high thermal conductivity enables it to pick up or discharge this heat quickly, ensuring maximum heat transfer efficiency. It is not recommended for open baths running at 200°C and above.

PERFORMANCE FEATURES

GB THERM X 32 is formulated for use in closed circulating systems and offers the following features:

- High thermal and oxidation stability
- High specific heat and thermal conductivity
- Low deposit formation
- Excellent GM Quenchometer (ASTM D3520) performance
- Consistent Quenchalyzer (ASTM D6200) performance
- Non-corrosivity to any metals used in the system

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
ISO			32
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m ³	ASTM D4052	863
Kinematic Viscosity @ 40°C	cSt	ASTM D445	31.9
Kinematic Viscosity @ 100°C	cSt	ASTM D445	5.5
Viscosity Index	-	ASTM D2270	109
Flash Point, COC	°C	ASTM D92	220

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GB LUBRICANTS

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STORAGE AND HANDLING

GB THERM X 32 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB THERM X 32 can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.