



# 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, as determined by the Panel Coker Test
- Excellent GM Quenchometer (ASTM D-3520) performance
- Lowest possible viscosity consistent with high thermal stability
- Non-corrosivity to any metals used in the system
- Low vapour pressure to prevent vapour locks and cavitation at the pump
- Low pour point for easy start-up in cold weather
- Low fire risk (high flash point and spontaneous ignition temperature)
- Compatibility with seals and sealing materials.

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## **GB LUBRICANTS**

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Q 06093  
ISO 9001



EMS 72776  
ISO 14001



OHS 88475  
OHSAS 18001

# GB LUBRICANTS

**CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
<b>ISO</b>			<b>32</b>
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m <sup>3</sup>	IP 160	871
Kinematic Viscosity @ 40°C	cSt	IP 71	31.9
Kinematic Viscosity @ 100°C	cSt	IP 71	5.47
Viscosity Index	-	IP 226	108
Flash Point	°C	IP 34	225

**STORAGE AND HANDLING**

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

**HEALTH, SAFETY AND THE ENVIRONMENT**

GB THERM X 32 is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, [www.environment-agency.gov.uk](http://www.environment-agency.gov.uk), as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

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 and specifications, without prior notice.