



P R O D U C T I N F O R M A T I O N

Heat Transfer Oil

Gulf Therm

Product Description:

Gulf Therm is a fully paraffinic mineral oil, for use in indirect or secondary heating systems. **Gulf Therm** has excellent resistance to thermal cracking and chemical oxidation and are non-corrosive and non-toxic. **Gulf Therm** is designed for use in closed, forced circulation systems equipped with expansion tanks. **Gulf Therm** can be used up to a bulk temperature of 315°C and will stand peak temperatures up to 370°C. The application limits of heat transfer oils depend firstly on circulating speed, and secondly on temperature in closed circuit systems.

Features/Benefits :

Gulf Therm has excellent thermal stability, good resistance against oxidation and does not affect seal materials. Has high specific heat and thermal conductivity and gives rapid heating in a circulating system.

Recommended minimum rates of flow in closed circuit systems:

1.5 m/s at temperatures below 205°C
2.0 m/s at temperatures between 205°C and 260°C
3.0 m/s at temperatures between 260°C and 300°C
3.5 m/s at temperatures above 300°C

Recommended for: Closed circulating systems equipped with expansion tanks.

Gulf Therm		
Typical Data:		
ISO VG	32	46
Product Code	9806	9807
Density @ 15°C	864	877
Viscosity @ 100°C	5.4	6.6
Flash Point, °C	210	220
Pour Point, °C	-12	-12