

**THERM****High Performance Heat Transfer Fluids**

Product Overview

The THERM series is a first choice fluid range for heat transfer, for closed-circuit applications where the oil temperature does not exceed 315°C. For open circuits, a maximum temperature of 180°C is recommended.

THERM are designed to cover a large range of applications. They are thermally stable and are capable of remaining in service for a long time with no deposits or increase in thickness, provided the temperature limits are observed.

Benefits

- Highly resistant to thermal cracking
- Excellent heat transfer capacity
- Excellent Oxidation Stability
- Good properties at low temperatures

Applications

- Closed heat transfer systems with maximum temperature of 315°C at atmospheric pressure
- Open heat transfer systems with maximum temperature of 180 °C

Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

THERM SERIES					
Typical properties					
Test parameters	Method				
Grade		32	46	68	100
Viscosity @ 40 °C, cSt	ASTM D 445	32	46	68	100
Viscosity @ 100 °C, cSt	ASTM D 445	5.3	6.8	8.6	10.9
Viscosity Index	ASTM D 2270	95	95	95	95
Flash Point, °C	ASTM D 92	>200	>200	>200	>200
Pour Point, °C	ASTM D 97	-9	-9	-9	-9
Density @ 15 °C, Kg/m3	ASTM D 4052	875	885	880	880
Carbon residue	ASTM D 189	<0.11	<0.2	<0.25	<0.3

Above characteristics are mean values given as information. They do not constitute a specification.