



Industrial & Automotive lubricants

THERMOSTATE-100

THERMIFLUID OIL

THERMIFLUID OIL / THERMOSTATE-100

PRODUCT DESCRIPTION

Thermostate grades are highly purified mineral oils with exceptional inherent oxidation stability, strong thermal stability and good heat Transfer properties for use as industrial heat transfer fluids. These oils also possess low volatility to minimize evaporation loss in The open systems and low vapour pressure to eliminate vapour lock in the circulating pumps for long and trouble free service life in Heat transfer systems.

APPLICATIONS

Thermostate grades are recommended for use as heat transfer fluids in well- designed open heat transfer systems operating up to 300°C and up to 350°C for closed system. The products find extensive applications in Textile, Pharmaceuticals, Chemicals and other processing Industries.

PERFORMANCE LEVEL

- THERMOSTATE-100 (HEAT THERMIFLUID OIL)
- LOW VOLATILITY TO MINIMIZE EVAPORATION LOSS FLUID

BENEFITS

- Excellent oxidation & chemical stability
- Low volatility, low vapor pressure
- Non corrosive & non toxic
- Excellent thermal conductivity

TYPICAL PROPERTIES

CHARACTERISTICS	THERMOSTATE-100
Kinematic Viscosity @ 40°C (mm ² /s)	38
Viscosity Index	100
Thermal Conductivity, Kcal/Hr-Mt °C at (260°C)	0.1
Copper Strip Corrosion 3Hr @ 100°C (ASTM), Max	1
Specific Heat Kcal /Kg °C at (260°C)	0.745
Pour Point (°C)	-6
Flash Point (°C, COC)	220

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by PECIFIC PETROLEUM PRODUCTS PVT. LTD.