



## POWER THERM PREMIUM HEAT TRANSFER OILS

**POWER THERM 500 and 600** are premium quality mineral oil based heat transfer fluids formulated from best in class solvent refined base stocks.

CHARACTERISTICS	POWER THERM	
	500	600
Kinematic Viscosity, cSt, @ 40°C	28-32	28-32
@ 100°C	5.3	5.5
Viscosity index, min.	90	100
Flash point, COC, °C, min	200	214
Pour point, °C, max	- 6	- 9
TAN, mg KOH/g. max.	0.03	0.02

### APPLICATION:

- **POWER THERM 500** is recommended for use in heat transfer systems operating with bulk oil temperature up to 300°C. Due to its high specific heat and better thermal conductivity at all temperatures, this oil provides rapid heating and greater flexibility in heat transfer systems. It finds extensive application for direct and secondary heating in conventional heat transfer operations in Textile, Pharmaceutical, Chemical and Processing industries.
- **POWER THERM 600** is a premium heat transfer fluid derived from the finest quality of base stocks and contains selected anti-oxidants. It provides a superior performance on account of its low sulphur content and CCR value. Recommended for well-designed heat transfer systems operating with bulk oil temperature up to 320°C.

### PERFORMANCE BENEFITS:

- Long and trouble free service life in a well designed heat transfer system due to high thermal and oxidation stability.
- Excellent heat transfer medium due to high specific heat and good thermal conductivity, which enables more flexibility in heat transfer systems.
- Efficient performance in wider range of temperatures.
- Free from toxicity and obnoxious odour.

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