



# TECHNICAL DATA SHEET

## HEAT TRANSFER OIL

### DESCRIPTION

Heat Transfer Oil is a long life heat transfer oil formulated with the paranic base oils obtained through modern refining processes. It is highly resistant to oxidation and its initial boiling point is above 300°C. It can be used in hot oil systems where the oil general temperature is up to 320°C, and film temperature is up to 340°C.

### CHARACTERISTICS

- High thermal stability.
- High oxidation resistance. The closed system must have an expansion tank open to atmosphere with suitable capacity.
- When you add oil to the system for the first time, make sure there is no foreign material, especially no water in the system.
- It is recommended to clean the system before complete oil change.
- The air within the system must be removed when the oil is being filled.

### APPLICATION

Hot oil systems.

### TYPICAL PROPERTIES

TEST	METHOD	UNIT	-32	-37	-46	-68	-100
Density @ 15 °C	ASTM D 4052	g/ml	0.872	0.875	0.879	0.885	0.889
K. Viscosity @ 40 °C	ASTM D 445	cSt	32	37	46	68	100
K. Viscosity @ 100 °C	ASTM D 446	cSt	5.38	5.93	6.91	9.35	11.7
Viscosity Index	ASTM D 2270		100	102	105	115	105
Flash Point	ASTM D 92	°C	205	210	215	215	220
Pour Point	ASTM D 97	°C	-15	-15	-12	-12	-12

