

HEAT TRANSFER OIL



HEAT TRANSFER OIL is a special purpose fluid in the heat transfer system. The product will provide the excellent thermal stability - resistance to oxidation and thermal cracking at high temperature - hence avoiding the formation of oxidation sludges which may affect efficient heat transfer. It is formulated under careful selection of high refining product with a low volatility and high flash point. It can be used with the system operating at bulk temperature up to 320 °C with longevity in service. The low vapour pressure helps to prevent vapor lock and cavitation at the pump, minimize loss in open system. Furthermore, it has proper specific heat and thermal conductivity coupled with a suitable viscosity enable it to transfer large amount of heat efficiently.

APPLICATION

- HEAT TRANSFER OIL is suitable for various field of industries in the heat transfer system, for example, hot oil boilers.

Special characteristics of Heat Transfer Oil

PROPERTIES	HEAT TRANSFER OIL
Appearance	Bright & Clear
Color	Report
Density @ 15 °C, g/cm ³	Report
Flash Point (COC), °C	205 Min
Foam Test (Seq II), mL/mL	50/0 Max
Pour Point, °C	-6 Max
Kinematic Viscosity @ 40 °C, cSt.	30-35
Viscosity Index	95 Min
Copper Strip	1B Max
Specific Heat, kJ/kg.°C	
@ 200 °C	2.484
@ 250 °C	2.668

Packages: 200 litres