

BANGCHAK HEAT TRANSFER OIL

Petroleum Based Heat Transfer Fluid



BANGCHAK 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

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

TYPICAL INSPECTION

PROPERTIES	METHOD	HEAT TRANSFER OIL
Appearance	Visual	Bright & Clear
Color	ASTM D1500	Report
Density @ 15 °C, g/cm ³	ASTM D1298	Report
Flash Point (COC), °C	ASTM D92	205 Min
Foam Test (Seq II), mL/mL	ASTM D892	50/0 Max
Pour Point, °C	ASTM D97	-6 Max
Kinematic Viscosity @ 40 °C, cSt.	ASTM D445	30-35
Viscosity Index	ASTM D2270	95 Min
Copper Strip	ASTM D130	1B Max
Specific Heat, kj/kg.°C	ASTM D1269	
@ 200 °C		2.484
@ 250 °C		2.668

Packaging : 200 Litre

FEATURE & BENEFITS



Excellent Heat Transfer



Heat Resistance