

Product Data

ZIE THERMO HT 6000 Premium Heat Transfer Fluid

Description:

Zie Thermo HT 6000 is a synthetic type heat transfer fluid processed from synthetic base oil and select additives that enhance performance. It can be used in thermic fluid systems up to maximum temperature of 310°C to 320°C.

Applications:

Zie Thermo HT 6000 heat transfer fluid is used in a wide variety of industrial heating system applications such as natural gas purification, plastics moulding process, pharmaceuticals, chemicals processing, biodiesel production and textile manufacture. It is specially recommended for use in heat transfer systems operating with bulk oil temperature up to 320°C.

Advantages:

Zie Thermo HT 6000 heat transfer fluid generates the least amount of oxidation by-products. Regular usage of this thermic fluid reduces evaporation losses, and consequently there is a smaller variation to make up for, in oil volumes. It keeps the system clean and also reduces oil consumption and oil change frequency. Its low viscosity and excellent pumpability help reduce power consumption.

Typical characteristics:

Characteristics	Test Method	Zie Thermo HT 6000
Appearance	Visual	Bright and clear
Colour, max.	ASTM D 1500	1.0
Kinematic viscosity, cSt at 40 °C	ASTM D 445	33-38
Viscosity index, min.	ASTM D 2270	130
Flash point (COC), °C, min.	ASTM D 92	225
Ignition temperature °C	-	350
Initial boiling point °C	ASTM D 1160	340
Final boiling point °C	ASTM D 1160	399
Coefficient of thermal expansion	-	0.00092

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.