



Dalian Richfortune Chemicals Co., Ltd.

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RFCTHERM-330

Product Description

RFCTHERM-330 is a mixture of synthetic aromatics of Benzyltoluene and Dibenzyltoluene, it is a synthetic heat transfer fluid designed to meet vapor phase systems or liquid phase systems.

RFCTHERM-330 has excellent thermal stability and **Low Temperature Pumpability**, It was developed for use at temperatures between -60 and 330 , Low viscosity at exceptionally cold temperatures makes it to be an ideal fluid for extreme climates.

The Temperature Range for use

Liquid or Vapor: -60 to 330

Applications

It can be used in a wide variety of industries, such as:

- Chemicals
- Refining
- Oil and Gas Processing

Typical Properties

Property	Standard
Appearance	Colorless or pale yellow



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	transparent liquid
Density g/cm ³ (20)	0.980-1.010
Kinematic Viscosity mm ² /S(40)	2.0 ~ 4.0
Water(mg/Kg)	100
Crystal Point	-60
Maximum Operation Temperature	330
Normal Boiling Point	291
Flash Point	135
Auto-ignition Temperature	500
Residual Carbon(wt%)	
Latent Evaporation Heat Kcal/kg (Boiling point)	72
Expansion coefficient(cc/cc)	9.1×10^{-4}
Pumpability	-50
Heat(Kcal/kg.)	0.521
Thermal conductivity (Kcal/m.h) 200	0.095
Vapor pressure(mmHg) 200	63.7
Average Molecular weight	190



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Distillation()	5%	270
	50%	288
	90%	380



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