



Heat Transfer Oil

Description:

Heat Transfer oil is high performance fluid based on premium quality mineral oils with supreme additives package that ensure high thermal stability, standard initial boiling point (IBP), low viscosity and provide workable fluid heating & good pump circulation with secure extended life of oils.

Features and Benefits:

- Excellent fluidity and high heat transfer properties due to low viscosity;
- Resists oil cracking due to low vapor pressure also minimizes the formation of volatility;
- Resists oxidation and thickening due to highly refined virgin mineral oils.
- Heat Transfer oil is non-corrosive & has high solvency that reduces deposit formation with keep clean of internal surfaces of heat exchangers.



Application:

Heat transfer oil is generally recommended for enclosed circulated system for mostly industrial applications like as process industry, chemical plants, textile producers as well as food, plastics, timbers, metal industries & laundries also where waste heat is extracted from flue gases. Furthermore this oil is not recommended for use in open systems where hot oil is exposed directly to the air. If oils spray or escape from leakage points, hot oils may spontaneously ignite.

Health and Safety:

Heat transfer oil is unlikely to present any significant of health or safety hazard when properly used & apply recommended applications with maintained good standards of personal hygiene. Use impervious gloves during handling & avoid contact oil with skin. After skin contact washes immediately with soap & water. To prevent environmental pollution do not discharge it into drain, soil or water. For any query please visit-www.sigma-oil.com

Typical Physical Properties:

Name	Method	Units	Heat Transfer Oil ISO 32
Density at 15°C	ASTM D1298	Kg/m ³	0.8535
Density at 30°C	ASTM D1298	Kg/m ³	0.8444
Flash Point ,COC	ASTM D92	°C	222
Viscosity At 40°C	ASTM D445	cSt	30.77
Viscosity At 100°C	ASTM D445	cSt	5.51
Viscosity Index	ASTM D2270	-	117
Pour Point	ASTM D97	°C	-15
Neutralization Value	ASTM D974	mgKOH/g	< 0.5

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