Rev. 1/2024

Synthetic Heat Transfer Oil 22

Description

Synthetic Heat Transfer Oil #22 is a premium synthetic oil intended for use in closed heating systems. It is designed to provide superior performance compared to conventional and highly refined heat transfer oil products. **Synthetic Heat Transfer Oil #22** is formulated with premium synthetic base oils and advanced additive chemistry to provide outstanding thermal stability and low sludge-forming tendency. Its robust nature makes it extremely resistant to thermal cracking and chemical oxidation allowing for extremely long service life without deposit formation or viscosity increase.

Applications

Synthetic Heat Transfer Oil #22 is recommended for heat transfer systems typically found in asphalt and petroleum products processing, plywood laminating, rubber and plastics molding, extrusion, curing, and calendaring. Although maximum performance is achieved as a stand-alone product, it is compatible with conventional heat transfer oils. Synthetic Heat Transfer Oil #22 is not recommended for use in open systems where hot oil is exposed directly to the air. Sprays or leaks of hot oil may spontaneously ignite.

Features/Benefits

- **Excellent thermal and oxidation stability for extended product life**
- **Superior heat transfer characteristics**
- **Low deposit formation**
- **Resists the formation of acids and sludge particularly at high temperatures**
- **Easy starting of cold systems due to lower viscosity**
- **Low volatility reduces potential for pump cavitation**

Typical Properties	
Product Code	**365**
Specific Gravity (g/ml)	0.84
Viscosity @ 40°C, cSt	22
Viscosity @ 100°C, cSt	4.5
Viscosity Index, typ	120
Pour Point , °F (C)	-4 (-20)
Flash Point , °F (C)	428 (220)
Recommended max operating range °F (C) Closed System	555 (290)
Noack Volatility, wt%	14.2
Copper Corrosion, ASTM D130	1a

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