

JoshTherm

M 22 Mineral Thermic Fluid

Product Description

JoshTherm is a premium Highly Refined Paraffinic Mineral Oil (Group II) Mineral Thermic Fluid designed for Low viscosity heat transfer systems, small heaters, electric oil radiators, plastics processing. Meets DIN 51522, ISO 6743-12 specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear pale yellow liquid
Density at 15°C	0.850-0.870 g/cm³
Kinematic Viscosity at 40°C	20-24 cSt
Kinematic Viscosity at 100°C	4.0-4.8 cSt
Viscosity Index	95 min
Flash Point (COC)	200°C min
Fire Point	220°C min
Pour Point	-12°C max
Auto Ignition Temperature	350°C
Max Bulk Temperature	280°C
Max Film Temperature	300°C
Thermal Conductivity at 100°C	0.130 W/m·K
Specific Heat at 100°C	2.1 kJ/kg·K
Carbon Residue (Conradson)	0.01% max
Total Acid Number	0.05 mgKOH/g max
Copper Corrosion (3h/100°C)	1a

Applications

Low viscosity heat transfer systems, small heaters, electric oil radiators, plastics processing

Performance Standards

DIN 51522

Handling & Storage

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed when not in use
- Shelf life: 36 months from date of manufacture
- Do not mix with other lubricants