

JoshTherm

M 68 Mineral Thermic Fluid

Product Description

JoshTherm is a premium Highly Refined Paraffinic Mineral Oil (Group II+) Mineral Thermic Fluid designed for Heavy duty heating systems, large capacity boilers, bitumen plants, industrial ovens. Meets DIN 51522, ISO 6743-12 specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear amber liquid
Density at 15°C	0.865-0.885 g/cm³
Kinematic Viscosity at 40°C	62-75 cSt
Kinematic Viscosity at 100°C	8.0-9.5 cSt
Viscosity Index	100 min
Flash Point (COC)	230°C min
Fire Point	250°C min
Pour Point	-3°C max
Auto Ignition Temperature	370°C
Max Bulk Temperature	300°C
Max Film Temperature	320°C
Thermal Conductivity at 100°C	0.130 W/m·K
Specific Heat at 100°C	2.10 kJ/kg·K
Carbon Residue (Conradson)	0.02% max
Total Acid Number	0.05 mgKOH/g max
Copper Corrosion (3h/100°C)	1a
Service Life	Extended

Applications

Heavy duty heating systems, large capacity boilers, bitumen plants, industrial ovens

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