

JoshTherm

S 66 Synthetic Thermic Fluid

Product Description

JoshTherm is a premium Synthetic Aromatic (Alkylated Biphenyl / Diphenyl Oxide Blend) Synthetic Thermic Fluid designed for High temperature chemical processes, refineries, CSP solar plants, synthetic fiber production. Meets DIN 51522-S, ISO 6743-12 Synthetic Aromatic specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear to light yellow liquid
Density at 15°C	0.990-1.010 g/cm³
Kinematic Viscosity at 40°C	30-38 cSt
Kinematic Viscosity at 100°C	4.2-5.5 cSt
Viscosity Index	85 min
Flash Point (COC)	180°C min
Fire Point	200°C min
Pour Point	-20°C max
Auto Ignition Temperature	450°C
Max Bulk Temperature	340°C
Max Film Temperature	370°C
Thermal Conductivity at 100°C	0.118 W/m·K
Specific Heat at 100°C	1.85 kJ/kg·K
Carbon Residue (Conradson)	0.01% max
Total Acid Number	0.03 mgKOH/g max
Thermal Stability	Superior
Decomposition Rate at 340°C	