



An ISO 9001:2015 Certified Co.

## Product Data Sheet

### Heat Transfer Fluid (Thermic Fluid)

- ISO Designation: ISO-L-QA
- ISO Viscosity Grades: 32
- Performance Standards: ISO 6743-12:1989, IS 14745: 1999 (TF Medium)
- Usage Guidelines: Open oil containers for heating of mechanical or electrical components, open circuit, max measured temperature < 250°C
- Composition: Base Oil Group II, Additives: Thermic Fluid Additive (1 to 10%)

Physico-Chemical Properties: Heat Transfer Fluid (Thermic Fluid)

S.No.	Characteristics	Test Method	Results
1	Kinematic Viscosity @40°C, cSt, range	IS 1448 P:25	24 to 34
2	Appearance	Visual	Clear, bright
3	Flash Point, Cleveland (open) cup, °C, min	IS 1448 P:69	208
4	Fire Point, Cleveland (open) cup, °C, min	IS 1448 P:69	220
5	Pour Point, °C, max	IS 1448 P:10	-3
6	Total Acid Number, mg of KOH/g of oil, max	IS 1448 P:2	0.05
7	Ash, percent by mass, max	IS 1448 P:4	0.01
8	Conradson Carbon Residue, % by mass, max	IS 1448 P:122	0.1
9	Copper Strip Corrosion, 100°C, 3 hrs	IS 1448 P:15	1
10	Autoignition Temperature, °C, min	IS 7895	350

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