

ANNEXURE-I

SPECIFICATION OF THERMIC OIL

Thermic fluid Used as Heat transfer medium in industrial application. These oils possess high viscosity index, excellent thermal and oxidation stability, low volatility and low vapour pressure to give long service life in well-designed heat transfer systems upto 260 deg cent.

Kinematic viscosity @ 40 c, cst	27-35
@ 100 c, cst	5.3
Flash point coc, c, min	194
Viscosity index	Min 90
Pour Point, deg cent, Max	(-) 3
Power point c max	0
Copper strip corrosion 3hr @ 100 c (astm) , max	1
Neutralisation number mg koh/gm, max	0.15
Specific heat kcal/kg c at	
260c	0.731
280c	0.751
300c	0.772
Thermal conductivity, kcal/hr-mt c at	
260c	0.097
280c	0.096
300c	0.095


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