

PRODUCT DATA SHEET

SERVOTHERM MEDIUM PLUS



DESCRIPTION

Servotherm Medium Plus have been specially developed for use 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.

PERFORMANCE BENEFITS

- Give long service life since they have high resistance to thermal cracking and oxidation
- Have high specific heat and good thermal conductivity at all temperatures, and consequently provide rapid heating and more flexibility in heat transfer systems.
- Perform efficiently in high as well as low temperature heating applications
- Ensure low power consumption since they maintain adequately low viscosity for easy pumpability over a wide range of temperature
- Do not have any toxicity and obnoxious odour
- Can be used in combined heating and cooling cycles

APPLICATION

Servotherm Medium Plus is recommended as a fluid medium in various types of heat transfer system for indirect or secondary heating in industry. The use of these oils provide rapid heating and greater flexibility in heat transfer systems since they possess high specific heat and better thermal conductivity at all temperatures.

This oil is suitable for use in both, closed as well as open type heat transfer systems. This oil has a high resistance to thermal cracking and hence maintain their heat transfer efficiency even when subjected to repeated high and low temperature cycles.

The heat transfer system must be thoroughly cleaned and free from contaminants. Before taking fresh charge, all traces of dust, rust and residue of welding operations must be removed by flushing. The flushing oil should be completely drained from the system and be free from moisture before it is charged with the fresh oil.

CHARACTERISTICS

	SERVOTHERM MEDIUM PLUS
Colour D – 1500	2.0 (Max)
Density @ 15 Deg C, gm/cc	0.8556
K.V. @ 40 Deg C, cSt	28.5 – 33.5
Flash Point, COC, Deg C	208 (Min)
Pour Point, Deg C	(-) 12
Viscosity Index, Min	95

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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