

PRODUCT DATA SHEET



SERVOTHERM S SPECIAL

DESCRIPTION

Servotherm S Special is "fully synthetic" thermic fluid with comparable lower viscosity and thus better heat transfer properties. Servotherm S Special oil has been specially developed for use as heat transfer medium in industrial application operating at high temperatures. These oils possess very 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.

APPLICATION

Servotherm S oils are recommended as a fluid medium in various types of heat transfer system for direct 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. Servotherm S oils have high resistance to thermal cracking and hence maintain their heat transfer efficiency when subjected to repeated high and low temperature.

Servotherm S Special is recommended for bulk temperatures up to 320 deg C.

PERFORMANCE BENEFITS

- Resists deterioration at recommended operating temperatures.
- Assures long fluid life and clean systems.
- Have low vapour pressures at operating temperature to permit operation at atmospheric pressure.
- Good heat transfer characteristics.
- Low pour point and moderate viscosity decreases the pumping losses and power required for circulation.

CHARACTERISTICS

GRADE	S SPECIAL
Kinematic Viscosity @ 40°C, cSt	14 – 24
Kinematic Viscosity @ 100°C cSt	3.88
Flash Point, COC, °C, Min	208
Copper Strip Corrosion @ 100°C, 3 Hrs, Max	1
Autoignition Temperature	378 °C
TAN mg KOH/gm, Max	0.05

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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