

OLITERM SIL-100

DESCRIPTION:

Special synthetic fluid, H1 category for applications possible incidental food contact.

PROPERTIES & ADVANTAGES:

- It has excellent thermal conductivity.
- Excellent thermal and chemical stability, maintaining circuits free of deposits, extending the useful life of the fluid.
- High viscosity index, especially suitable for minimizing viscosity variations during heat transfer.

APPLICATIONS:

Heat transfer fluid in food and/or pharmaceutical industry:

1. In closed circulation systems. Application range from -20 °C (-4 °F) to +300 °C (+572 °F). It is essential to maintain the circuit perfectly closed, avoiding any presence of oxygen and/or moisture.
2. In open systems, heating baths. Application range from -20 °C (-4 °F) to +220 °C (+428 °F). It is essential to maintain the circuit free of humidity and no trace of previous products.

HOW TO USE:

- Check previous state of the system.
- Check proper cleaning of the system and compatibility with previous fluid prior to start up.
- Respect the temperature ranges indicated on this sheet.

APPROVALS:

Categoría Code H1
NSF Registration N°: 161041
License HALAL n° IH-986/2.4/M/60
Contact us: +34 957 634 071



TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Viscosity at 25°C, cSt	ASTM D-445	100
Density at 25°C	ASTM D-1298	0.97
Pour point (°C)	ASTM D-97	-50
Flash point COC (°C)	ASTM D-92	300
Specific heat, cal/g.°C	-----	0.35
Volatility, 1h, 250°C, %, max	-----	3

PACKAGING:

200L drum.