

THEMPERION

HEAT TRANSFER OIL

Description

Heat transfer oil is a premium quality oil used for filling of heat transfer units, intended for use in closed indirect heating units. The carefully selected paraffinic base stocks are resistant to thermal cracking and chemical oxidation, thanks to excellent oxidation stability. Heat transfer oil is very thermally stable and is capable of long service without viscosity increase or formation of deposits.

Benefits

- Excellent oxidation and thermal stability
- Exceptional resistance to thermal cracking and decomposition to enable excellent performance of the oil with good conservation of heat transfer capability, allowing a performance up to maximum bulk oil temperature of 315°C
- Minimize deposit formation and viscosity increase.
- Non corrosive to aluminium, steel, copper, brass or bronze.



Performance levels

- Themperion can be used in "open" or "closed" units

Typical Properties

ISO		32	46
Code		LUB004010	LUB004011
Density 15 °C	kg/m3	856	875
Viscosity 40 °C	cSt	32	46
Viscosity 100 °C	cSt	5.3	6.7
Viscosity Index		123	95
Pour Point	°C	-12	-12
Flash Point C.O.C	°C	220	220
Boiler outlet temp. Max	°C	305	315
Bulk temp. Max	°C	320	320
Film temp. Max	°C	340	320