

MONEX HEAT TRANSFER OIL

DESCRIPTION

Heat Transfer Oil is a long-life heat transfer oil formulated with the paramedic base oils obtained through modern refining processes. It is highly resistant to oxidation and its initial boiling point is above 300°C. It can be used in hot oil systems where the oil general temperature is up to 320°C, and film temperature is up to 340°C.

CARACTERISTICS

- High thermal stability.
- High oxidation resistance. The closed system must have an expansion tank open to the atmosphere with suitable capacity.
- When you add oil to the system for the first time, make sure there is no foreign material, especially no water in the system.
- It is recommended to clean the system before complete oil change.
- The air within the system must be removed when the oil is being filled.

APPLICATION

Hot oil systems.

TYPICAL PROPERTIES

TEST	METHOD	UNIT	-32	-37	-46	-68	-100
Density @ 15 °C	ASTM D 4052	g/ml	0,875	0,875	0,88	0,88	0,885
K. Viscosity @ 40 °C	ASTM D 445	cSt	32	37	46	68	100
K. Viscosity @ 100 °C	ASTM D 446	cSt	5,46	6,06	7,04	9,15	12,31
Viscosity Index	ASTM D 2270		105	108	110	110	115
Flash Point	ASTM D 92	°C	220	220	225	230	230
Pour Point	ASTM D 97	°C	-25	-25	-27	-27	-27

* Values shown may differ between productions

