

Fluidetherm HT

Product Descriptions and Features

Fluidetherm HT fluids are thermally stable mineral-oil type transfer fluid, ready to use in open or closed heating systems.

Fluidetherm HT are non-toxic fluids, non-corrosive and low odor. These fluids show excellent compatibility with elastomers, they quickly absorb heat and carry materials or liquid to be heated.

Their excellent thermal and oxidation stabilities provide a long service life and keep heat exchangers clean.

The heat is used in many ways in the preparation of materials. There are several ways to transfer heat to a material or liquid to be heated. Fluidetherm HT are excellent for these kind of transfer and have several advantages. They are also used at low pressure. In most applications, the equipment needed is relatively inexpensive. They can also be mobile and can be used where they are needed.

ADVANTAGES

High efficiency and heat stability

Good protection against rust and corrosion

Excellent performance in extreme temperatures

Easy to pump and circulation

Recommendation and Application

Fluidetherm HT are recommended for heat transfer systems in which the oil, gas or electricity is used to heat a liquid and then transfers the heat to the point of application.

In closed systems equipped with an expansion tank, Fluidetherm HT are suitable for applications requiring good thermal stability and good pumpability when the maximum temperature of bulk fluid does not exceed 316 ° C (650 ° F).

In closed or open systems, Fluidetherm HT are appropriate when the maximum temperature of bulk fluid does not exceed 288 ° C (550 ° F) and the membrane 316 ° C (600 ° F). The temperature at the surface of the fluid in contact with the air in open systems can not exceed 107 ° C (225 ° F).

Copper and its alloys must not be used in heat transfer systems with a hydrocarbon liquid, unless air (oxygen) is not in contact with the liquid by means of a seal and / or a coat `` inert gas.

SPECIFICATIONS	HT 32	HT 46	HT 68	HT 100
Product code	071509	071507	070589	070590
Density : (kg/m ³ @ 15 °C)	874	882	890	895
Viscosity cSt @ 40 °C	31,8	45,9	65	99
@ 100 °C	5,3	6,65	8,1	10,7
Viscosity Index	95	95	90	90
Flash point, °C	218	220	226	230
Fire Point, °C	242	246	250	254
Pour point, °C	-36	-15	-12	-12
