



Synthetic fluid for heat transmission

Description

Pirobloc HTF-PLUS is a fluid for heat transmission specially formulated from synthetic oils and additives. It allows to work till 330°C in a close circuit.

This oil has a high flammability point and an excellent resistance to the oxidation. It provides a high service life, also under severe working conditions.

Applications

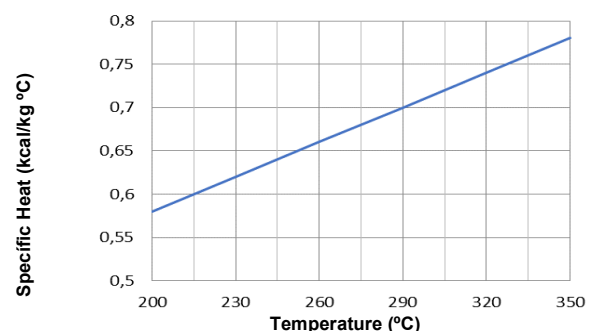
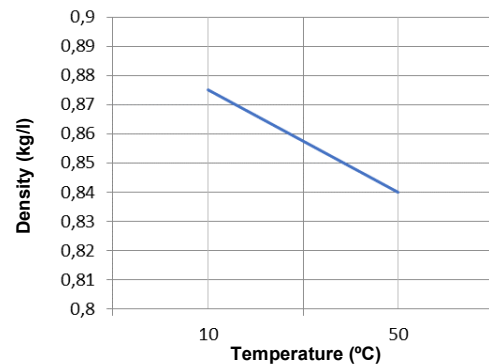
- Installations and circuits provided of circulation systems for heat transfer.
- Process for the manufacture of products (in serial or not) where exists the necessity to use heat in some of the production phase.
- Indirect heating, alternative in lot of cases to the steam and hot water.

Instructions for use

We must have an expansion auxiliary vessel which absorbs the volume changes of the Pirobloc HTF-PLUS during the heating. The increase of volume of the fluid is around 20%.

It should be avoid the direct flame in the fluid circulation pipes in order to eliminate overheating and flow high temperatures.

TEST	TYPICAL VALUE	TEST METHOD
Density 15°C	0,878 Kg/l	ASTM D-1298
Viscosity 40°C	18-23 cSt	ASTM D-445
Viscosity 100°C	3-4 cSt	ASTM D-445
Flammability point V/2	190°C	ASTM D-92
Point of fluidity	-50 °C	ASTM D-97
Specific heat at 50°C Kcal/Kg°C	0,48	ASTM-2766
Conductivity coefficient	0,111	DIN 52612
Water for distillation (% in weight)	0	ASTM D-95



PIROBLOC, S.A.

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Vantages

- Good conductivity and gran thermal stability in service
- High stability to the oxidation and low steam pressure
- High economic efficiency, low cost and minimal maintenance of the installations
- Ample margins of working temperatures (-30°C to 330°C)

Safety and Health

Pirobloc HTF-PLUS is not a toxic product neither corrosive. Because its composition, it does not produce harmful effects when used under normal preconized conditions.

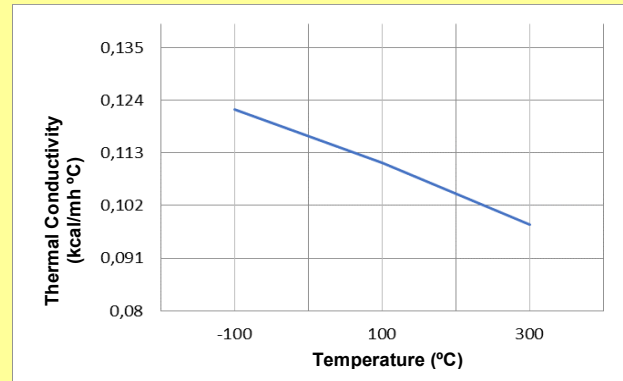
It does not require special precautions during the handling, excepting the usual health conditions required to handle such industrial products.

It is convenient to store cans under cover.

For more information, please look at the Safety and Health Sheets.

Supply

Pirobloc HTF-PLUS is usually supplied in cans of 185 kg each and 1000 liters container.



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