



THERM SY 20

SYNTHETIC HEAT TRANSFER FLUID

APPLICATIONS

THERM SY 20 is a fully synthetic heat transfer fluid with a very high thermal stability designed to operate in a flowing circuit, at up to 340°C, without the formation of deposits resulting from thermal degradation.

THERM SY 20 must not come in contact with dehydrogenation catalysts at high temperature.

THERM SY 20 must flow at a speed of at least 1 metre per second.

Like any heat transfer fluid, **THERM SY 20** needs an expansion tank installation if the temperature of use is over 80°C.

BENEFITS

- Very high thermal stability thereby preventing the formation of deposits and significantly improving service life compared with mineral-based fluids with additives.
- Low viscosity that makes it easier to start up the system at low temperatures
- Non-corrosive.

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 15°C	kg/m ³	NF T 60101	880
Viscosity at 40°C	mm ² /s	NF T 60100	19
Viscosity at 100°C	mm ² /s	NF T 60100	3,5
Flash point	°C	NF M 07019	195
Pour point	°C	NF T 60105	-54
Self-ignition temperature	°C	ASTM D 2155	> 350
Recommended temperature range	°C	-	-10 / +320
Max. temperature on contact with hot walls	°C	-	340

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with applicable rules for the waste disposal of used oil.

Keep away from bad weather conditions.

Shelf life : production date + 24 months.

Our technical department is available to give you any advice you may need.