

# THERM X

ADDED MINERAL HEAT TRANSFER FLUIDS



## APPLICATIONS

**THERM X** is an added mineral heat transfer fluid with a high degree of thermal stability.

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

**THERM X** is recommended for the following applications :

- Water-bath heating (these fluids do not give off any unpleasant odours when in service).
- Heating of domestic and industrial premises.
- Heating of thermal baths, reactors, ovens, moulds, etc ...
- Steam and hot water production.
- Storage tank temperature maintenance.

## BENEFITS

- Enhanced anti-oxidant properties, enabling longer periods between fluid change operations in relation to non-added mineral oils.
- High thermal stability and deposit prevention.
- Excellent heat transmission properties.

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA			
ISO grade	-	-	<b>32</b>	<b>46</b>	<b>100</b>	<b>460</b>
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60-101	876	880	894	907
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NFT 60-100	30	45	100	458
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NFT 60-100	5	6,7	12	31
Viscosity index		NFT 60-136	100	100	97	98
Flash point	°C	NF EN ISO 2592	> 212	232	260	300
Recommended usage range	°C	-	0/300			
Thermal stability up to*	°C	-	310			
Pour point	°C	NFT 60-105			-6	-6
Fire point	°C	NF EN ISO 2592	246	260	293	339

\* Maximum temperature to which the **THERM X** film may be raised on contact with a hot wall.

*This typical data is given for information only*

## HEALTH, SAFETY AND ENVIRONMENT

Elimination must be made conforming to the rules set for the disposal of used lubricants.

**Must be stored away from bad weather.**

Should you need further details, our Technical Department remains at your entire disposal.