

HELIOTERMO 2550

Description

A product developed especially to be used as heat transmission fluid. It is made of selected bases, with additives included in order to achieve an extraordinary resistance to rusting, which is required for high temperatures which are normal in thermal circuits. It is a specific oil to be used in heat transmission systems, in which temperatures do not exceed 300°C.

Qualities

Great thermal stability.

Long useful life in service.

Wide range of operational temperatures.

Easy control of temperature.

Good quota of heat transmission.

Low steam pressure.

Low tendency to the formation of carbonous residues.

It is not corrosive.

Quality Level

ISO 6743/12-QB

DIN 51502-Q

Technical properties

	UNITS	METHOD	VALUE
Density at 15°C	g/cm ³	ASTM D 4052	0,875
Viscosity at 40°C	cSt	ASTM D 455	37
Viscosity at 100°C	cSt	ASTM D 455	5,7
Viscosity Index		ASTM D 2270	95
Pour Point	°C	ASTM D 97	-15
Flashing point	°C	ASTM D 92	220
Thermal stability	°C		300

Shanghai PingYiao Trading CO., Ltd.

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Available in

Bulk and 185 Kg. Drums.

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets. Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Unless otherwise specified, the values cited in technical characteristics should be considered typical.

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