



Shanghai PingYiao Trading CO., Ltd.

MULTIGRADO TERMICO

Description

This is a specially formulated fluid for use as a heat transfer oil. Its base stocks and their additives are carefully selected to achieve an outstanding resistance to oxidation, specially at the high temperatures normally encountered in thermal circuits.

Recommended uses

This is an oil specifically for use in closed circuit, pumped flow heat transmission systems where maximum working temperatures are of the order of $300\geq^{\circ}\text{C}$.

Properties

Exceptional thermal stability
Long useful service life.
Wide range of operating temperatures.
Easy temperature control.
Low viscosity; easy turbulence.
Good heat transmission coefficient.
Low vapor pressure.
Non- corrosive.

Quality level

ISO 6743-12-QB

DIN 51502 Q

Technical propertie

	UNITS	METHOD	VALUE
Density at $15\geq^{\circ}\text{C}$	g/cm^3	ASTM D 4052	0,875
Viscosity at $40\geq^{\circ}\text{C}$	cSt	ASTM D 455	37
Viscosity at $100\geq^{\circ}\text{C}$	cSt	ASTM D 455	5,8
Viscosity Index		ASTM D 2270	102
Pour Point	$\geq^{\circ}\text{C}$	ASTM D 97	-15
Flashing point	$\geq^{\circ}\text{C}$	ASTM D 92	220

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Distillation starting point	≥C	ASTM D 1160	360
Thermal stability	≥C	--	300

Available in

Bulk, 875 Kg containers 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

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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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