



MULTIGRADO TÉRMICO SINTÉTICO

INDUSTRY

Description

Specially formulated synthetic fluid for use as a heat transfer oil. Its specific additivition endows it with extraordinary resistance to oxidation.

Recommended uses

This is a fluid specifically for use in closed circuit, pumped flow heat transmission systems where maximum working temperatures are around 315° C.

Properties

- Great thermal stability and resistance to oxidation.
- Longer service life than mineral oils.
- Wide range of operating temperatures.
- Easy temperature control.
- Good heat transfer rate.
- Low steam pressure.
- Low tendency to form carbonaceous residue.
- Lower load loss due to its low viscosity.

Quality level

- ISO 6743/12-QC

Technical characteristics

	UNIT	METHOD	VALUE
Appearance	-	Visual	Pale yellow
Density at 15°C	g/ml	ASTM D 4052	0.873
Viscosity at 40°C	cSt	ASTM D 445	16.0
Viscosity at 100°C	cSt	ASTM D 445	3.5
TAN	mg KOH/g	ASTM D 664	0.1
Flash point	°C	ASTM D 92	190
Initial distillation point	°C	ASTM D 1160	350
Final distillation point	°C	ASTM D 1160	460

Available in

180 kg drums.

■ Hazard identification

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

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and Safety Hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.

Technical data sheet for Lubricants. Review 0. July 2009