



Texatherm[®]

Proven performance industrial heat transfer oil

Product description

Texatherm is a proven performance industrial heat transfer oil formulated for use in both closed and open heat transfer systems with forced circulation.

Texatherm is formulated with highly refined, thermally stable paraffinic petroleum oil and offers clean and energy efficient system operation.

Customer benefits

- Offers energy efficient heat transfer performance, helping keep costs down
- Thermal stability promotes long-life keep-clean system performance and assists with sludge and coke deposit resistance
- Low temperature fluidity aids cold system start-up, rapid fluid circulation and operation
- Low vapour pressure at elevated temperatures helps minimise evaporation, vapour lock and pump cavitation
- Promotes efficient operation at lower system pressures, avoiding the need for expensive high pressure piping and heat exchangers

Product highlights

- **Energy efficient heat transfer performance**
- **Keep-clean system protection**
- **Rapid energy-efficient cold start-up and operation**
- **Evaporation, vapour lock and pump cavitation protection**

Selected specification standards include:

DIN

Applications

- May be used in heat transfer systems in industrial drying applications, rubber and plastics manufacture, heating of asphalt and fuel oil tanks, factory heating, manufacture of soap, resin, glue, dyes, paints and grease, wood laminate, fibre board and veneer manufacture, agricultural heating and drying, and chemical, petroleum and wax processing.
- Suitable for use in open systems operating at temperatures up to +200°C
- Suitable for use in closed systems (sealed with cold oil or inert gas) operating at bulk oil temperatures up to +320°C
- For long, trouble-free service in closed systems, the maximum film temperature on heater surfaces should be limited to +340°C
- Systems must have forced heat transfer fluid circulation
- While unused Texatherm is compatible with most organic heat transfer oils, prior laboratory testing is recommended before the product is added as a top-up to a system containing a competitive used oil. Adding Texatherm as make up to severely used oil, especially aromatic types, may precipitate suspended sludge

Approvals, performance and recommendations

Performance

- DIN 51522 (Q for heat transfer oils)

Typical test data			
Test	Test methods	Results	
Viscosity Grade		32	46
Kinematic viscosity, 40°C, mm ² /s	ASTM D445	32	46
Kinematic viscosity, 100°C, mm ² /s	ASTM D445	5.6	6.9
Flash Point COC, °C, min	ASTM D92	220	220
Fire Point COC, °C	ASTM D92	244	248
Auto ignition Point COC, °C	ASTM E659	320	337
Pour Point, °C, max	ASTM D5950	-12	-12
Density at 15°C, kg/l	ASTM D4052	0.862	0.870
Copper corrosion (3 h, 100 °C)	ASTM D130	1A	1A
Initial Boiling Point, °C	ASTM D2887	316	330

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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