



Texatherm[®] HT 22

Proven performance synthetic heat transfer fluid

Product description

Texatherm HT 22 is a proven performance synthetic heat transfer fluid designed for use across a wide temperature range from -45°C up to +290°C. It offers good oxidation stability, deposit resistance, and a long service life in closed heat transfer systems.

Texatherm HT 22 has a low pour point which helps improve energy efficiency at system start-up and offers good pumpability in sub-zero temperatures, when system pipework or expansion tanks may be sited outside.

Customer benefits

- Offers high temperature oxidation stability at +290°C and helps ensure clean, deposit-free heat transfer system performance
- Designed to dissolve existing system deposits and helps to maintain system cleanliness, improving uptime
- Formulated with an extremely low pour point to offer easy pumpability and energy-efficient low temperature start-up
- Long fluid service life offers reduced maintenance downtime and service costs

Product highlights

- **Wide -45°C to +290°C operating temperature range**
- **Designed to dissolve existing system deposits**
- **Formulated with extremely low pour point**
- **Long fluid service life**

Selected specification standards include:

DIN

ISO

Applications

Texatherm HT 22 is recommended for indirect heat transfer in closed systems operating in a wide range of applications such as chemical, leather, textile, rubber, chipboard, food, building materials and fodder processing operations. It is also suitable for use in laundries.

- Within its wide operating temperature range Texatherm HT 22 can also be used in cooling applications for the removal of process heat.
- Optimum operating temperature range: -45°C to +290°C
- Maximum operating temperature: +300°C
- Maximum film temperature: +310°C

Approvals, performance and suitable for use

Performance

- DIN 51 522
- ISO 6743 L-QB

Product maintenance and handling

Compatibility

Topping up a system that is operating with a mineral oil based heat transfer medium with Texatherm HT 22, or vice versa, is not recommended.

Typical test data		
Test	Test Methods	Results
Viscosity Grade		22
Shelf Life: 36 months from date of filling indicated on the product label		
Appearance		Transparent, light yellow liquid
Visc. Kinematic @40°C	ISO 3104	22.71
Visc. Kinematic @100°C	ISO 3104	3.75
Visc. Index	ISO 2909	82
Density @ 20 °C, Kg/l	ASTM D1298	0.8851
Colour	ISO 2049	L 1.5
Flash Point, COC, °C	ASTM D92	198
Fire Point, COC, °C	ASTM D92	212
Auto Ignition, °C	ASTM E659	349
Total Acid Number, mg KOH/g	DIN 51558/1	0.01
Water Content, ppm	ASTM D1744	<50
Prandtl Number at 40°C calculation	ASTM D4052	270

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.

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