



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 is formulated to provide good oxidation stability, deposit resistance, and a longer 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

- Formulated for 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.
- Engineered to offer an extremely low pour point for good pumpability and energy-efficient low temperature start-up.
- Long fluid service life helps to reduce 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.**
- **Engineered for a longer 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.

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see <http://europe.chevronlubricants.com>.

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