



Texatherm[®] HT 22

High performance synthetic heat transfer fluid

Product description

Texatherm HT22 is a high performance synthetic heat transfer fluid formulated to operate over a wide temperature range, from -45°C up to $+290^{\circ}\text{C}$, where it gives excellent oxidation stability and deposit-free operation.

Texatherm HT22 provides a long service life in closed heat transfer systems. Its low pour point provides energy-efficient start-up and good pumpability in sub-zero ambient temperatures, where pipes or expansion tanks may be sited outdoors.

Customer benefits

- High temperature oxidation stability at $+290^{\circ}\text{C}$ ensures clean, deposit-free system performance
- Dissolves existing system deposits and goes on to maintain system cleanliness, improving uptime
- Extremely low pour point provides easy pumpability and energy-efficient low temperature start-up
- Long fluid service life reduces maintenance downtime and saves money

Product highlights

- **Meets DIN 51522 and ISO 6743 L-QB and recommended for many other requirements**
- **Wide temperature long-life operation from -45°C to $+290^{\circ}\text{C}$**
- **Wide range of applications**

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 to +290°C
 Maximum use temperature: +300°C
 Maximum film temperature: +310°C

Compatibilities

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.

Approvals, performance and recommendations

Performance

- DIN 51522
- ISO 6743 L-QB

Typical test data		
Test	Test methods	Results
Viscosity Grade		22
Appearance		Transparent, light yellow liquid
Visc. Kinematic at 40°C, mm ² /s	ISO 3104	22
Visc. Kinematic at 100°C, mm ² /s	ISO 3104	3.75
Visc. Index	ISO 2909	23
Density, 20°C, kg/l	ASTM D1298	0.8851
Colour	ISO 2049	L1.5
Flash Point COC, °C	ASTM D92	198
Auto Ignition, °C	ASTM E659	349
Pour Point, °C	ISO 3106	-57
Total Acid Number, mg KOH/g	DIN 51558/1	0.01
Water Content, ppm	ASTM D1744	<50

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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