

TEXOL

Chemical

Technical Data Sheet

Texol Texotherm™ HT Series

High performance synthetic heat transfer fluid

Product Description

Texotherm™ HT series are high performance synthetic heat transfer fluid, formulated to operate over a wide temperature range, from -45°C up to +320°C, where it gives excellent oxidation stability and deposit-free operation.

Texotherm™ HT series 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 +320°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

Applications and Uses

- Texotherm™ HT series are 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 Texotherm HT series can also be used in cooling applications for the removal of process heat.
- Optimum operating temperature range: -45 to +320°C
Maximum use temperature: +330°C
Maximum film temperature: +340°C

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Typical Properties

Property (Unit)	HT 15	HT 22	HT 32	HT 46	HT 68	Method
Density at +15 °C	0.875	0.881	0.887	0.890	0.895	ASTM D4052
Viscosity @40°C, cSt	15	22	32	46	68	ASTM D445
Viscosity @100°C, cSt	3.06	3.81	5.76	6.85	8.92	ASTM D445
Viscosity Index	126	129	131	134	138	ASTM D2270
Flash Point, °C	>200	>200	>210	>210	>230	ASTM D92
Auto Ignition, °C	349	349	349	349	349	ASTM E659
Pour Point, °C	<-52	<-47	<-45	<-42	<-40	ASTM D97

Technical Expertise

Texol experts on Texol Texotherm™ HT series lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.