



OPUS LUBRICANTS PRODUCT DATA

SYNOPSIS HEAT TRANSFER OIL 32

Description

Synopus Heat Transfer Oil 32 is a high performance synthetic heat transfer fluid formulated to operate over a wide temperature range, from -15°C to $+220^{\circ}\text{C}$, where it gives excellent oxidation stability and deposit-free operation.

Benefits

- High temperature oxidation stability at 220°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

- Synopus Heat Transfer Oil 32 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 Synopus Heat Transfer Oil 32 can also be used in cooling applications for the removal of process heat.
- Optimum operating temperature range: -15 to $+220^{\circ}\text{C}$
Maximum Use temperature: $+230^{\circ}\text{C}$
Maximum film temperature: $+220^{\circ}\text{C}$

Compatibilities

Topping up a system that is operating with a mineral oil based heat transfer medium with Synopus Heat Transfer Oil 32 or vice versa is not recommended.

Approvals, Performance & Recommendations

Performance

- DIN51522
- ISO 6743 L-QB



Typical Data

Test	Test Method	Results
Viscosity Grade:		32
Apperance:		Transparant, light yellow
Kinematic Viscosity @ 100°C cSt	ASTM D445	6.00
@ 40°C cSt	ASTM D445	34.10
Viscosity Index	ASTM D2270	127
Density @ 15°C	ASTM D4052	0.850
Colour	ASTM D1500	<1.00
Flash Point COC, °C	ASTM D92	230
Pour Point °C	ASTM D5950	-15

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