



OPUS LUBRICANTS PRODUCT DATA

SYNOPSIS HEAT TRANSFER OIL 22

Description

Synopus Heat Transfer Oil 22 is a high performance synthetic heat transfer fluid formulated to operate over a wide temperature range, from -24°C to +210°C, where it gives excellent oxidation stability and deposit-free operation.

Benefits

- High temperature oxidation stability at 210°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 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 Synopus Heat Transfer Oil 22 can also be used in cooling applications for the removal of process heat.
- Optimum operating temperature range: -24 to +210°C
Maximum Use temperature: +200°C
Maximum film temperature: +200°C

Compatibilities

Topping up a system that is operating with a mineral oil based heat transfer medium with Synopus Heat Transfer Oil 22 or vice versa is not recommended.

Approvals, Performance & Recommendations

Performance

- DIN51522
- ISO 6743 L-QB



Typical Data

Test	Test Method	Results
Viscosity Grade:		22
Apperance:		Transparant, light yellow
Kinematic Viscosity @ 100°C cSt	ASTM D445	4.50
@ 40°C cSt	ASTM D445	20.80
Viscosity Index	ASTM D2270	127
Density @ 15°C	ASTM D4052	0.840
Colour	ASTM D1500	<0.5
Flash Point COC, °C	ASTM D92	215
Pour Point °C	ASTM 5950	-24

Revision Date: April 2017

Ferguson & Menzies Ltd
312 Broomloan Road
GLASGOW
G51 2JW

Tel: 0141 445 3555

Fax: 0141 425 1079

E-Mail: info@fergusonmenzies.co.uk

Web: www.fergusonmenzies.co.uk