

EPPCO THERMA

PRODUCT DESCRIPTION

EPPCO THERMA Oil are highly refined paraffinic oil suitable for a range of heat transfer applications in both closed and open systems with pumped circulation.

APPLICATIONS

- ◆ Open systems operating at temperatures up to 200°C
- ◆ Closed systems with inert gas sealing up to 290°C
- ◆ Heating of reaction vessels, driers, moulding machines
- ◆ Manufacturing processes – Cement, Paper, other industries

PERFORMANCE STANDARDS

DIN 51502 class L
ISO 6743/12 class L QB family

Always follow the equipment manufacturer's recommendations.

BENEFITS

THERMA Oil provides:

- ◆ Maximum energy transfer efficiency
- ◆ Low temperature flow characteristics at start-up
- ◆ Good resistance to the formation of deposits
- ◆ Good thermal stability

Technical Data*		
ISO Grades	22	32
Density at 29.5 °C, g/cc	0.8501	0.8468
Kinematic Viscosity at 40°C mm ² /s	22	32
Kinematic Viscosity at 100°C mm ² /s	4.28	5.4
Viscosity Index	98	102
Flash Point, COC, °C	208	218
Fire point, °C	260	260
Auto ignition temp., °C	350	353
Initial Boiling point °C	370	371
Pour Point, °C	-15	-12
Conradson Carbon Residue % mass	0.03	0.03
Operating temperature limit – closed system °C	280	290
Product code	349101	349100

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the EPPCO Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

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