



Application

Lazio-oil Heat Transfer 200 HT 2 is a high-performance thermal fluid designed for efficient heat transfer in diathermic systems. Formulated from highly refined base oils, it offers excellent oxidative stability and thermal cracking resistance at recommended operating temperatures.

Lazio-oil Heat Transfer 200 HT 2 is suitable for use in both open and closed systems, with or without forced circulation. In modern, well-designed closed systems, operated under controlled conditions—such as in the absence of air, at atmospheric pressure, or in pressurized inert gas environments—the following maximum operating temperatures apply:

Maximum bulk oil temperature: **270°C**

Maximum oil film temperature: **290°C**

- In open systems, however, the presence of air can affect the thermal stability of the fluid, limiting the maximum bulk oil temperature to 180°C.
- Exceeding the recommended operating temperatures may lead to degradation, which can cause the formation of vapor bubbles in the circuit, reduce the oil's flash point, and shorten its service life.
- Lazio-oil Heat Transfer 200 HT 2 ensures reliable and efficient thermal energy transfer, providing optimal performance and extended fluid lifespan when used within its specified conditions.

- **Do not exceed recommended operating temperatures**

Specifications

- ISO 6743/12 QB

Characteristics

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear/visual
Density at 15°C	ASTM D 4052	kg/m ³	853
Viscosity at 40°C	ASTM D 445	mm ² /s	14
Viscosity Index	ASTM D 2270	-	105
Pour point	ASTM D 5950	°C	-18