



POWERING
PERFORMANCE

PRODUCT DATA SHEET

Eurol Euroltherm B

Heat transfer oil for closed systems

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Product information

Euroltherm B is a heat transfer oil consisting of specially refined paraffinic base oils, which is applicable in a wide temperature range from -10 to 315 °C. Euroltherm B is developed for closed circulation systems with expansion tanks.

Euroltherm B has excellent thermal and oxidative stability, allowing it to be used for extended periods at bulk temperatures up to 315 °C (and film temperatures up to 335 °C), minimizing carbon deposits.

The low vapor pressure of this oil implies low volatility, allowing the system pressure to remain low.

Euroltherm B has a low viscosity and a high thermal conductivity coefficient, resulting in maximum heat transfer, so pumps, valves, and heating coils can be dimensioned small.

Euroltherm B provides adequate protection against rust and corrosion and contains additives that minimize foaming behavior. Seals are not affected by this oil.

Euroltherm B can be used for indirect heat transfer in closed installations, such as in the chemical industry, textile, and rubber industry.

Euroltherm B should not be mixed with heat transfer oils based on synthetic aromatic alkylates, due to contamination sedimentation.

Performance level

- DIN 51522
- ISO 6743-12 - Family Q

Physical properties

Characteristic	Value/Result	ASTM Standard
Color	Yellow	
Density at 20°C	0.85 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	32.2 cSt	ASTM D 445
Viscosity, kinematic at 100°C	5.6 cSt	ASTM D 445
Viscosity Index	112	ASTM D 2270
Flash Point	213 °C	ASTM D 92
Pour point	-15 °C	ASTM D 97

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