



Euroltherm B

Heat transfer oil for closed systems

Description

Euroltherm B is a heat transfer oil, formulated from special refined paraffinic base stocks and can be applied from -10 °C up to +315 °C. Euroltherm B is developed for closed systems, equipped with an expansion tank.

Euroltherm B has an excellent thermal and oxidation stability. In order to provide long term service life at bulk temperatures up to 315 °C (and film temperatures of 335 °C.) and where forming of carbon deposits is reduced to a minimum. The low vapour pressure of this product implies a low volatility by which system pressures can be kept low.

Euroltherm B has a low viscosity and a high coefficient of heat conductivity, providing a maximum heat transfer. Because of this, pumps, valves and heat coils can have small dimensions. Euroltherm B offers adequate protection against rust and corrosion, while special additives minimize foaming tendency.

Euroltherm B can be applied for indirect heat transfer in closed systems in the chemical, textile and rubber industry.

Euroltherm B can not be mixed with synthetic, aromatic alkylate based heat transfer fluids because of settlement of deposits.

Performance level

- DIN 51522
- ISO 6743-12 - Family Q

Physical properties

Colour	Yellow	
Density at 20°C	0.852 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 93
Pour point	-15 °C	ASTM D 97

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