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## PRODUCT DATA SHEET

# Eurol Euroltherm ETX

**Synthetic heat transfer oil for closed systems**

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## Product information

Eurol Euroltherm ETX is a high-performance heat transfer fluid, based on high-quality synthetic base oil. It is extremely suitable for closed heat transfer systems with high operating temperatures.

Eurol Euroltherm ETX is used as a liquid phase in closed heat exchange systems with forced circulation and applied for the tempering of reactors, boilers, and processing machines, where the high oxidation and thermal stability guarantee long service life.

Eurol Euroltherm ETX has a very wide application range (0 to 350°C) where short-term peak temperatures of 380°C may be reached.

Eurol Euroltherm ETX is pumpable from -5°C. For temperatures above 200°C, a "back-pressure" of max 100 mbar inert gas (nitrogen) is recommended to ensure oxidation stability over time.

Eurol Euroltherm ETX does not affect the metals commonly used in machine construction. Normal rubber sealing materials may swell. However, graphite, PTFE, and fluoroelastomers can be used without problems as sealing materials. Eurol Euroltherm ETX is miscible with mineral oils.

## Physical properties

Characteristic	Value/Result	ASTM Standard
Color	light yellow	
Density at 20°C	1.01 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	30.4 cSt	ASTM D 445
Viscosity, kinematic at 100°C	4.0 cSt	ASTM D 445
Flash Point	175 °C	ASTM D 92
Pour point	-24 °C	ASTM D 97

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