

Bath fluid Thermal H5

JULABO Thermal bath fluids are ideally suited for all of your temperature control applications and guarantee safe and reliable operation. Choosing the proper bath fluid is critical for best results in temperature control. Viscosity, oxidation characteristics and heat transfer of Thermal fluids are specifically matched with each JULABO temperature control unit.

JULABO Thermal bath fluids have been carefully selected and are optimized for maximum performance with JULABO instruments.

Benefits

- Low toxicity
- Low viscosity
- High stability
- Minimum odor
- Good heat conductivity
- Low corrosion tendency
- Wide temperature ranges
- Including drain tap



Technical Data

Order no. 5 liters	8940107
Order no. 10 liters	8940106
Working temperature (°C)	-50...+105
Flash point (°C)	+124
Fire point (°C)	+142
Viscosity (kinematic at 20 °C in mm ² /s)	5.66
Density (at 20 °C in g/cm ³)	0.92
Pour point (°C)	-100
Boiling point (°C)	+288
Ignition temperature (°C)	+350
Color	clear
Thermal expansion coefficient K ⁻¹	0.00094
Heat conductivity [W/m*K]	0.116
Specific volume resistivity [Ohm*cm]	4 x 10 ¹⁴