

Bath fluid Thermal HS

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	8940103
Order no. 10 liters	8940102
Working temperature (°C)	+50...+250
Flash point (°C)	+270
Fire point (°C)	+360
Viscosity (kinematic at 20 °C in mm ² /s)	55
Density (at 20 °C in g/cm ³)	0.96
Pour point (°C)	<-60
Boiling point (°C)	>300
Ignition temperature (°C)	>+400
Color	light brown
Thermal expansion coefficient K ⁻¹	0.00089
Heat conductivity [W/m*K]	0.153
Specific volume resistivity [Ohm*cm]	6x10 ¹⁴