

Bathfluid data sheet

Thermal M

JULABO Thermal M is an alcohol-ethoxylate based bath fluid.

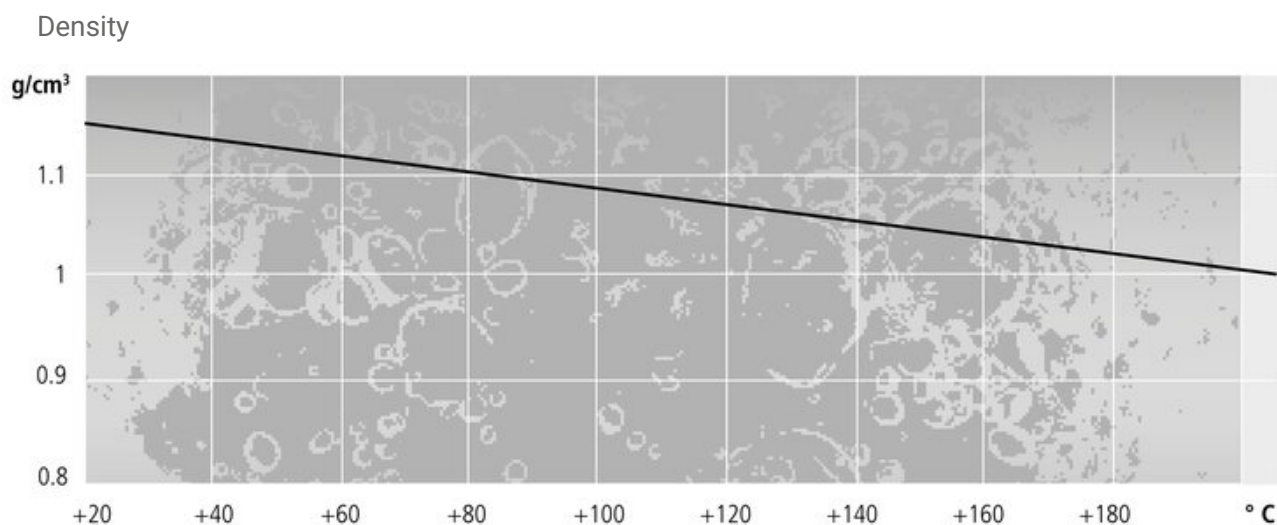
Working temperature: +70 °C ... +170 °C

Benefits:

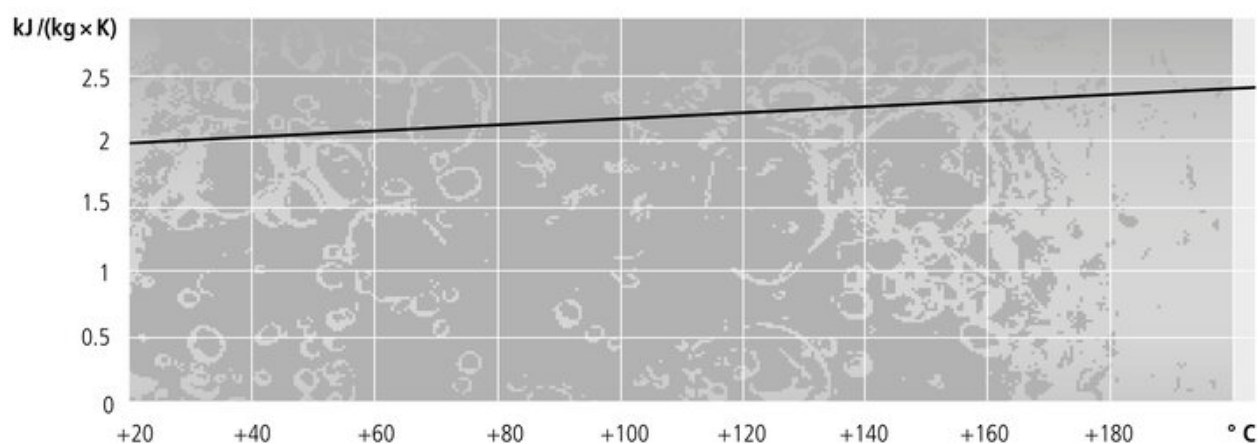
- High stability
- Low viscosity
- Excellent heat conductivity
- Long fluid life

JULABO Thermal bath fluids are carefully selected and long-term tested media with ideal thermodynamic properties for a variety of applications. These bath fluids are ideally suited for temperature applications using JULABO instruments, and ensure safe, reliable operation as well as optimum heat transfer efficiency.

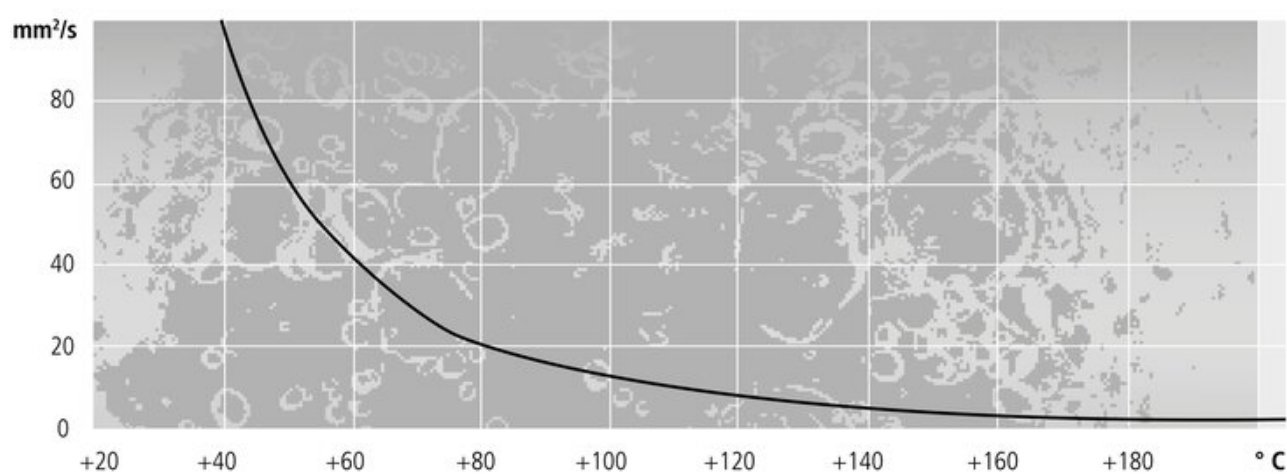
Please note: If the fluid is used below the specified lowest working temperature, this can cause the temperature to fluctuate or the overtemperature alarm to trigger because the fluid on the heater is too hot. Recommendation: Reduce the heater capacity during the heat-up process until the lowest specified working temperature is reached.



Specific heat capacity



Viscosity



Technical data

Order number 5 liters	8940101
Order number 10 liters	8940100
	+70 ... +170
Flash point	>290 °C
Fire point	°C
Viscosity(kinematic at 20 °C)	250 mm²/s
Density(at 20 °C)	1.15 g / cm³
Pour point	-39 °C
Boiling point	200 °C
Ignition temperature	390 °C
Thermal expansion coefficient	0.00077 (g/(ml × K))
Heat conductivity	0.2 (W/(m × K))
Specific volume resistivity	n.a. (Ohm × cm)

Refer to www.julabo.com for more information regarding the entire JULABO product portfolio. Technical changes without prior notification. Images may deviate from the original. | Datasheet No.EN8940101/250409