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Thermal Conductivity vs. Temperature

Temperature affects the Specific Heat of silicone fluids. Below is a chart showing the relationship between temperature & Specific Heat.

Thermal Conductivity (W/m °C) @ temperature

Temp	PSF-5cSt	PSF-10cSt	PSF-20cSt
-60°C	0.15		
-40°C	0.14	0.15	0.167
-20°C	0.13		
0°C	0.12	0.14	0.159
25°C	0.12		
40°C	0.12	0.13	0.152
60°C	0.11		
80°C	0.11	0.12	0.144
120°C		0.12	0.137
160°C		0.11	
200°C		0.10	
240°C		0.09	