

Physical Properties

°F	°C	Viscosity			Density			Thermal Conductivity BTU/(hr-ft-F)	Specific Heat BTU/lb-°F	Vapor Pressure	
		cSt	cPs	lb/ft-hr	lb/ft³	lb/gal	g/cc			psia	mm hg
0	-18	546	540	1307	62	8.3	0.99	0.068	0.44		
25	-4	133	130	315	61	8.2	0.98	0.068	0.45		
50	10	52	50	121	60	8.1	0.97	0.068	0.46		
75	24	22	22	52	60	8.0	0.96	0.068	0.46		
100	38	12	11	28	59	7.9	0.95	0.068	0.47		
125	52	7.9	7.4	18	58	7.8	0.94	0.068	0.48		
150	66	5.1	4.7	11	58	7.7	0.92	0.067	0.49		
175	79	3.8	3.5	8.5	57	7.6	0.91	0.067	0.49		
200	93	2.6	2.4	5.7	56	7.5	0.90	0.066	0.50		
225	107	2.1	1.9	4.6	56	7.5	0.89	0.066	0.51		
250	121	1.8	1.5	3.7	55	7.4	0.88	0.065	0.52		
275	135	1.5	1.3	3.1	54	7.3	0.87	0.065	0.52		1.6
300	149	1.3	1.1	2.7	54	7.2	0.86	0.064	0.53	3.1	3.1
325	163	1.1	0.95	2.3	53	7.1	0.85	0.064	0.54	0.11	5.5
350	177	0.98	0.82	2.0	52	7.0	0.84	0.063	0.55	0.18	9.5
375	191	0.87	0.72	1.8	52	6.9	0.83	0.062	0.55	0.30	16
400	204	0.78	0.64	1.6	51	6.8	0.82	0.061	0.56	0.49	25
425	218	0.71	0.57	1.4	50	6.7	0.81	0.060	0.57	0.76	39
450	232	0.64	0.51	1.2	50	6.7	0.80	0.059	0.58	1.1	59
475	246	0.59	0.46	1.1	49	6.6	0.79	0.059	0.58	1.7	88
500	260	0.54	0.42	1.0	48	6.5	0.78	0.057	0.59	2.5	128
525	274	0.50	0.38	0.93	48	6.4	0.76	0.056	0.60	3.5	183
550	288	0.47	0.35	0.85	47	6.3	0.75	0.055	0.61	5.0	257
575	302	0.44	0.32	0.78	46	6.2	0.74	0.054	0.61	6.9	355
600	316	0.41	0.30	0.72	46	6.1	0.73	0.053	0.62	9.4	484
625	329	0.38	0.28	0.67	45	6.0	0.72	0.052	0.63	13	652
650	343	0.36	0.26	0.62	44	5.9	0.71	0.050	0.64	17	869
675	357	0.34	0.24	0.58	44	5.8	0.70	0.049	0.64	22	1144
700	371	0.32	0.22	0.54	43	5.8	0.69	0.047	0.65	29	1492

Note: The information and recommendations in this literature are made in good faith and are believed to be correct as of the below date. You, the user or specifier, should independently determine the suitability and fitness of Paratherm heat transfer fluids for use in your specific application. We warrant that the fluids conform to the specifications in Paratherm literature. Because our assistance is furnished without charge, and because we have no control over the fluid's end use or the conditions under which it will be used, we make no other warranties—expressed or implied, including the warranties of merchantability or fitness for a particular use or purpose (recommendations in this bulletin are not intended nor should be construed as approval to infringe on any existing patent). The user's exclusive remedy, and Paratherm's sole liability is limited to refund of the purchase price or replacement of any product proven to be otherwise than as warranted. Paratherm Corporation will not be liable for incidental or consequential damages of any kind.