



HEAT TRANSFER FLUIDS

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XCEL THERM® SX500

[Product description and usage]

°C	°F	cP	mm ² /s (cSt)	kg/m ³	lbs/ft ³	J/g-K	BTU/lb-°F	W/m-K	BTU/ft-hr-°F	kg/cm ²	psia
-60	-76	690	659	1.047	1061	66.25	1.368	0.3267	0.1535	0.0887	0.00
-50	-58	443	426	1.040	1049	65.51	1.387	0.3312	0.1532	0.0885	0.00
-40	-40	298	289	1.031	1037	64.76	1.406	0.3358	0.1529	0.0883	0.00
-30	-22	208	204	1.022	1025	64.01	1.425	0.3403	0.1526	0.0882	0.00
-20	-4	150	149	1.013	1013	63.26	1.444	0.3449	0.1523	0.0880	0.00
-10	14	112	112	1.003	1001	62.51	1.463	0.3494	0.1520	0.0878	0.00
0	32	85.3	86.0	0.992	989.3	61.76	1.482	0.3539	0.1517	0.0877	0.00
10	50	66.4	67.8	0.980	977.3	61.01	1.501	0.3585	0.1514	0.0875	0.00
20	68	52.7	54.5	0.968	965.3	60.26	1.520	0.3630	0.1511	0.0873	0.01
30	86	42.6	44.5	0.955	953.3	59.51	1.539	0.3675	0.1508	0.0871	0.01
40	104	34.9	37.0	0.942	941.3	58.76	1.558	0.3721	0.1505	0.0870	0.01
50	122	28.9	31.2	0.928	929.3	58.01	1.577	0.3766	0.1502	0.0868	0.01
60	140	24.3	26.6	0.914	917.3	57.27	1.596	0.3811	0.1499	0.0866	0.01
70	158	20.6	22.9	0.899	905.3	56.52	1.615	0.3857	0.1496	0.0864	0.01
80	176	17.6	19.9	0.884	893.3	55.77	1.634	0.3902	0.1493	0.0863	0.02
90	194	15.2	17.5	0.868	881.3	55.02	1.653	0.3948	0.1490	0.0861	0.02
100	212	13.2	15.5	0.853	869.3	54.27	1.672	0.3993	0.1487	0.0859	0.02
110	230	11.6	13.8	0.836	857.3	53.52	1.691	0.4038	0.1484	0.0857	0.03
120	248	10.2	12.4	0.820	845.3	52.77	1.710	0.4084	0.1481	0.0856	0.03
130	266	9.00	11.2	0.803	833.3	52.02	1.729	0.4129	0.1478	0.0854	0.04
140	284	8.01	10.2	0.786	821.3	51.27	1.748	0.4174	0.1475	0.0852	0.04
150	302	7.15	9.31	0.768	809.3	50.52	1.767	0.4220	0.1472	0.0851	0.05
160	320	6.41	8.54	0.751	797.3	49.77	1.786	0.4265	0.1469	0.0849	0.06
170	338	5.77	7.87	0.733	785.3	49.02	1.805	0.4311	0.1466	0.0847	0.07
180	356	5.21	7.28	0.716	773.3	48.28	1.824	0.4356	0.1463	0.0845	0.08
190	374	4.72	6.76	0.698	761.3	47.53	1.843	0.4401	0.1460	0.0844	0.09
200	392	4.28	6.30	0.680	749.3	46.78	1.862	0.4447	0.1457	0.0842	0.11
210	410	3.90	5.89	0.662	737.3	46.03	1.881	0.4492	0.1454	0.0840	0.12
220	428	3.56	5.52	0.645	725.3	45.28	1.900	0.4537	0.1451	0.0838	0.15
230	446	3.25	5.19	0.627	713.3	44.53	1.919	0.4583	0.1448	0.0837	0.17
240	464	2.98	4.89	0.609	701.3	43.78	1.938	0.4628	0.1445	0.0835	0.20
250	482	2.73	4.62	0.592	689.3	43.03	1.957	0.4674	0.1442	0.0833	0.23
260	500	2.51	4.38	0.574	677.3	42.28	1.976	0.4719	0.1439	0.0831	0.27

Data represents typical laboratory samples and are not guaranteed for all samples.

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