

SPECIFIC HEATS — LIQUIDS

MATERIAL	AVERAGE SPECIFIC HEAT BTU/LB- °F	HEAT OF VAPORIZATION BTU PER LB.	BOILING POINT		WEIGHT IN POUNDS		WEIGHT IN KILOGRAMS PER CU.M.
			DEG. F	DEG. C	PER CUBIC FT.	PER CUBIC IN.	
Acetic Acid	0.472	153	245	118	66	0.0382	1057
Alcohol	0.65	365	172	78	55	0.0319	881
Benzene	0.45	166	175	79	56	0.0324	897
Ether	0.503	160	95	35	46	0.0266	737
Ethylene Glycol	0.602	—	387	197	70.5	0.041	1129
Fish Oil	—	—	—	—	58	0.0335	929
Fuel Oil - Bunker C	0.5	145 to 150	—	—	61	0.0353	977
Gasolene	0.675	137	158 to 194	70 to 90	48.6	0.028	779
Glue 1/3 dry glue +2/3 water	0.895	—	—	—	69	0.04	1105
Glycerine	0.58	—	554	290	79	0.0457	1266
Kerosene	0.47	108	—	—	51.5	0.0298	825
Mercury	0.0333	117	675	357	845	0.49	13537
Milk	1.0 (approx)	—	—	—	64.5	0.0373	1033
Molasses	0.6	—	—	—	87.4	0.05	1400
Oil Cottonseed	0.47	—	—	—	60	0.0347	961
Oil Machine	0.4	—	—	—	58	0.0335	929
Oil Olive	0.471	—	570	299	58	0.0335	929
Paraffin, melted	0.71	—	750	399	56	0.0324	897
Petroleum	0.51	—	—	—	56	0.0324	897
Sulfur-melted	0.234	652	601	316			
Turpentine	0.41	133	319	159	54	0.031	865
Water	1	965	212	100	62.5	0.0362	1001