

LIQUIDS HEAVIER THAN WATER

United States Standard Baumé Scales Relations Between Baumé Degrees and Specific Gravity

Formula - $sp\ gr = 145/145 - ^\circ\text{Baumé}$

Baumé degrees	Sp Gr 60°-60°F	Baumé degrees	Sp Gr 60°-60°F	Baumé degrees	Sp Gr 60°-60°F	Baumé degrees	Sp Gr 60°-60°F
0	1.00000	20	1.16000	40	1.38095	60	1.70588
1	1.00694	21	1.16935	41	1.39423	61	1.72619
2	1.01399	22	1.17886	42	1.40777	62	1.74699
3	1.02113	23	1.18852	43	1.42157	63	1.76829
4	1.02837	24	1.19835	44	1.43564	64	1.79012
5	1.03571	25	1.20833	45	1.45000	65	1.81250
6	1.04317	26	1.21849	46	1.46465	66	1.83544
7	1.05072	27	1.22881	47	1.47959	67	1.85897
8	1.5839	28	1.23932	48	1.49485	68	1.88312
9	1.06618	29	1.25000	49	1.51042	69	1.90789
10	1.07407	30	1.26087	50	1.52632	70	1.93333
11	1.08209	31	1.27193	51	1.54255	71	1.95946
12	1.09023	32	1.28319	52	1.55914	72	1.98630
13	1.09848	33	1.29464	53	1.57609	73	2.01389
14	1.10687	34	1.30631	54	1.59341	74	2.04225
15	1.11536	35	1.31818	55	1.61111	75	2.07143
16	1.12403	36	1.33028	56	1.62921	76	2.10145
17	1.13281	37	1.34259	57	1.64773	77	2.13235
18	1.14173	38	1.35514	58	1.66667	78	2.16418
19	1.15079	39	1.36792	59	1.68605	79	2.19697

LIQUIDS LIGHTER THAN WATER

Formula - $sp\ gr = 140/130 + ^\circ\text{Baumé}$

10	1.00000	30	0.87500	50	0.77778	70	0.70000
11	.99291	31	.86957	51	.77348	71	.69652
12	.98592	32	.86420	52	.76923	72	.69307
13	.97902	33	.85890	53	.76503	73	.68966
14	.97222	34	.85366	54	.76087	74	.68627
15	.96552	35	.84848	55	.75676	75	.68293
16	.95890	36	.84337	56	.75269	76	.67961
17	.95238	37	.83832	57	.74866	77	.67633
18	.94595	38	.83333	58	.74468	78	.67308
19	.93960	39	.82840	59	.74074	79	.66986
20	.93333	40	.82353	60	.73684	80	.66667
21	.92715	41	.81871	61	.73298	81	.66351
22	.92105	42	.81395	62	.72917	82	.66038
23	.91503	43	.80925	63	.72539	83	.65728
24	.90909	44	.80460	64	.72165	84	.65421
25	.90323	45	.80000	65	.71795	85	.65117
26	.89744	46	.79545	66	.71428	86	.64815
27	.89172	47	.79096	67	.71066	87	.64516
28	.88608	48	.78652	68	.70707	88	.64220
29	.88050	49	.78212	69	.70352	89	.63927