TEMPERATURE CORRECTION For SPECIFIC GRAVITIES Of AROCLORS

°C	1142-1242 1148-1248	1154- 1254	1160-1260 1168-1262	Temp. °C	1160-1260 1162-1262	5060 5460	2565 4065 4465	Temp. °C	5060 5460	2565 4065 4465
	*65/15.5° ** .0009	65/15.5 .00095	90/15.5 .0010		*90/15.5 **.0010	90/15.5 .00095	90/15.5 .00105		*90/15.5 **.00095	90/15.5 .00105
0	-.005	-.005		121	+ .031	+.029	.033	161	+.067	+.075
1	-.004	-.004		2	.032	.030	.034	2	.068	.076
2	-.003	-.003		3	.033	.031	.035	3	.069	.077
3	-.002	-.002		4	.034	.032	.036	4	.070	.078
4	-.001	-.001		5	.035	.033	.037	5	.071	.079
5	*.000	*.000		6	.036	.034	.038	6	.072	.080
6	+.001	+.001		7	.037	.035	.039	7	.073	.081
7	+.002	+.002		8	.038	.036	.040	8	.074	.082
8	+.003	+.003		9	.039	.037	.041	9	.075	.083
9	+.004	+.004		130	+ .040	+.038	+.042	170	+ .076	+.084
0	+.005	+.005		1	.041	.039	.043	1	.077	.085
1	.005	.006		2	.042	.039	.044	2	.078	.086
2	.006	.007		3	.043	.041	.045	3	.079	.087
3	.007	.008		4	.044	.042	.046	4	.080	.088
4	.008	.009		5	.045	.043	.047	5	.081	.089
5	.009	.010	-.015	6	.046	.044	.048	6	.082	.090
6	.010	.010	-.014	7	.047	.045	.049	7	.083	.091
7	.011	.011	-.013	8	.048	.046	.050	8	.084	.092
8	.012	.012	-.012	9	.049	.047	.051	9	.085	.093
9	.013	.013	-.011	140	+ .050	+.048	.052	180	+.085	+.094
0	+.014	+.014	-.010	1	.051	.048	.054	1	.086	.095
1	.014	.015	-.009	2	.052	.049	.055	2	.087	.097
2	.015	.016	-.008	3	.053	.050	.056	3	.088	.098
3	.016	.017	-.007	4	.054	.051	.057	4	.089	.099
4	.017	.018	-.006	5	.055	.052	.058	5	.090	.100
5	.018	.019	-.005	6	.056	.053	.059	6	.091	.101
6	.019	.020	-.004	7	.057	.054	.060	7	.092	.102
7	.020	.021	-.003	8	.058	.055	.061	8	.093	.103
8	.021	.022	-.002	9	.059	.056	.062	9	.094	.104
9	.022	.023	-.001	150	+ .060	+.057	+.063	190	+.096	+.106
0	+.023	+.024	*.000	1	.061	.058	.064	1	.096	.106
1	.023	.025	+.001	2	.062	.059	.065	2	.097	.107
2	.024	.026	+.002	3	.063	.060	.066	3		
3	.025	.027	+.003	4	.064	.061	.067	4		
4	.026	.028	+.004	5	.065	.062	.068	5		
5	.027	.029	+.005	6	.066	.063	.069	6		
6	.028	.030	.006	7	.067	.064	.070	7		
7	.029	.031	.007	8	.068	.065	.071	8	.103	
8	.030	.032	.008	9	.069	.066	.072	9	.104	
9	.031	.033	.009	160	+ .070	+.067	+.073	200	+.105	
0	.032	+.034	+.010							
1	.032	.034	.011							
2	.033	.035	.012							
3	.034	.036	.013							
4	.035	.037	.014							
5	.036	.038	.015							
6	.037	.039	.016							
7	.038	.040	.017							
8	.039	.041	.018							
9	.040	.042	.019							
10	+.041	+.043	+.020							
1	.041	.044	.021							
2	.042	.045	.022							
3	.043	.046	.023							
4	.044	.047	.024							
5	.045	.048	.025							
6	+.046	.048	.026							
7	.047	.049	.027							
8	.048	.050	.028							
9	.049	.051	.029							
20	+.050	+.052	+.030							

NOTES:

* The base temperature at which the specific gravity is determined or referred to (65°/15.5 and 90°/15.5)

** Specific Gravity corrections per °C from Client "B" specifications with the exceptions of 5460, 4465 and 2565 which were calculated from the specific gravities of one sample of each at two or three different temperatures.

The double line across a column indicates the maximum or minimum temperature for which the Specific Gravity correction was experimentally determined. For accurate work the specific gravity should be taken at a temperature between or between these double lines.

Example:

Sp.Gr. of sample at 115[illegible]

Sp.Gr. of sample of 1154 @ 110°C = 1.[illegible]

Sp.Gr. correction = -.[illegible]

Sp.Gr. at 65°C = [illegible]

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