



ENGINEERING TABLES

Gravity Correction Table

Degrees API	Specific Gravity	Weight (Density)			Fluid Head		Buoyancy Factor
		Gallon	Cubic Foot	Barrel	Pressure per Foot	Height per Pound	
		Pounds			Lbs / Sq In	Feet	Totally Immersed
60.0	0.739	6.16	46.1	259.0	0.320	3.13	0.906
59.0	0.743	6.20	46.4	260.0	0.322	3.11	0.905
58.0	0.747	6.23	46.6	262.0	0.324	3.09	0.905
57.0	0.751	6.26	46.8	263.0	0.325	3.08	0.904
56.0	0.755	6.30	47.1	265.0	0.327	3.06	0.904
55.0	0.759	6.33	47.4	266.0	0.329	3.04	0.903
54.0	0.763	6.36	47.6	267.0	0.330	3.03	0.903
53.0	0.767	6.40	47.9	269.0	0.332	3.01	0.902
52.0	0.771	6.43	48.1	270.0	0.334	2.99	0.902
51.0	0.775	6.46	48.3	271.0	0.336	2.98	0.901
50.0	0.780	6.51	48.7	273.0	0.338	2.96	0.901
49.0	0.784	6.54	48.9	275.0	0.340	2.94	0.900
48.0	0.788	6.57	49.2	276.0	0.341	2.93	0.900
47.0	0.793	6.61	49.5	278.0	0.343	2.92	0.899
46.0	0.797	6.65	49.8	279.0	0.345	2.90	0.898
45.0	0.802	6.69	50.0	281.0	0.348	2.87	0.898
44.0	0.806	6.72	50.3	282.0	0.349	2.87	0.897
43.0	0.811	6.76	50.6	284.0	0.351	2.85	0.897
42.0	0.816	6.81	50.9	286.0	0.354	2.82	0.896
41.0	0.820	6.84	51.2	287.0	0.355	2.82	0.896
40.0	0.825	6.88	51.5	289.0	0.357	2.80	0.895
39.0	0.830	6.92	51.8	291.0	0.359	2.79	0.894
38.0	0.835	6.96	52.1	292.0	0.362	2.76	0.894
37.0	0.840	7.01	52.4	294.0	0.364	2.75	0.893
36.0	0.845	7.05	52.7	296.0	0.366	2.73	0.892
35.0	0.850	7.09	53.0	298.0	0.368	2.72	0.892
34.0	0.855	7.13	53.3	299.0	0.370	2.70	0.891
33.0	0.860	7.17	53.6	301.0	0.372	2.69	0.891
32.0	0.865	7.21	53.9	303.0	0.375	2.67	0.890
31.0	0.871	7.26	54.3	305.0	0.377	2.65	0.889
30.0	0.876	7.31	54.7	307.0	0.380	2.63	0.889
29.0	0.882	7.36	55.1	309.0	0.382	2.62	0.887
28.0	0.877	7.40	55.4	311.0	0.384	2.60	0.887
27.0	0.893	7.45	55.7	313.0	0.387	2.58	0.886
26.0	0.898	7.49	56.0	315.0	0.389	2.57	0.885
25.0	0.904	7.54	56.4	317.0	0.392	2.55	0.885
24.0	0.910	7.59	56.8	319.0	0.394	2.54	0.884
23.0	0.916	7.64	57.2	321.0	0.397	2.52	0.883
22.0	0.922	7.69	57.5	323.0	0.399	2.51	0.883
21.0	0.928	7.74	57.9	325.0	0.402	2.49	0.882