

Tank Size	10,000 bbl.	12,000 bbl.	22,000 bbl.	26,000 bbl.	40,000 bbl.	46,000 bbl.	60,000 bbl.
Radius / ft.	38.167	41.458333	57.29	62.1665	76.520835	82.875	95.5
Diameter / ft.	76.334	82.916666	114.58	124.333	153.04167	165.75	191
Radius / inches	458.004	497.499996	687.48	745.998	918.25002	994.5	1,146
Diameter / inches	916.008	994.999992	1,374.96	1,491.996	1,836.50004	1,989	2,292
Depth / ft.	12.333	12.000	12.333	12.000	12.333	12.000	12.333
Depth / in.	148	144	148	144	148	144	148
SQ. / ft. (whole tank bottom)	4,576.431203	5,399.761267	10,311.1839	12,141.25897	18,395.44461	21,577.34329	28,652.1774
SQ. / in. (whole tank bottom)	659,006.0933	777,565.6225	1,484,810.482	1,748,341.291	2,648,944.025	3,107,137.433	4,125,913.546
Cubic Feet	56,444.448	64,799.198	127,175.316	145,699.745	226,884.372	258,936.361	353,388.103
Barrels	10,039.048	11,525.000	22,619.038	25,913.740	40,353.006	46,053.681	62,852.598
Barrels / ft.	813.977	960.417	1,833.976	2,159.478	3,271.865	3,837.807	5,096.157
Barrels / in.	67.831	80.035	152.831	179.957	272.655	319.817	424.680
Gallons	421,640.028	484,050.007	949,999.612	1,088,377.097	1,694,826.259	1,934,254.619	2,639,809.129
Gallons / ft.	34,187.029	40,337.501	77,026.996	90,698.091	137,418.345	161,187.885	214,038.578
Gallons / in.	2,848.919	3,361.458	6,418.916	7,558.174	11,451.529	13,432.324	17,836.548

Levels	10,000 bbl.	12,000 bbl.	22,000 bbl.	26,000 bbl.	40,000 bbl.	46,000 bbl.	60,000 bbl.
lbs of water per Cubic Foot @ 40°F	62.388	62.388	62.388	62.388	62.388	62.388	62.388
lbs of water per Cubic inch @ 40°F	0.035128	0.036104	0.035128	0.036104	0.035128	0.036104	0.035128
total lbs. full tank of 8.3451 lb. water	3,521,430.085	4,042,662.335	7,934,154.715	9,089,848.215	14,154,757.105	16,154,401.774	22,047,013.275
PSI of water vertically @ NO freeboard 100% full tank	5.199	5.199	5.199	5.199	5.199	5.199	5.199
lbs./ft³ of water vertically @ NO freeboard 100% full tank	769.446	748.650	769.446	748.650	769.446	748.650	769.446
Barrels @ 8" freeboard	9,496.397	10,884.722	21,396.388	24,474.088	38,171.763	43,495.144	59,455.161
Gallons @ 8" freeboard	398,848.675	457,158.340	898,648.281	1,027,911.702	1,603,214.028	1,826,796.029	2,497,116.743
Pounds of water @ 8" freeboard tank total	3,328,432.075	3,815,032.065	7,499,309.771	8,578,025.947	13,378,981.388	15,244,795.545	20,838,688.935
PSI of water vertically @ 8" freeboard	4.918	4.910	4.918	4.910	4.918	4.910	4.918
lbs./ft³ of water vertically @ 8" freeboard	708.183	707.059	708.183	707.059	708.183	707.059	708.183
Barrels @ 1' freeboard	9,225.071	10,564.583	20,785.062	23,754.262	37,081.141	42,215.875	57,756.442
Gallons @ 1' freeboard	387,452.998	443,712.507	872,972.616	997,679.005	1,557,407.913	1,773,066.734	2,425,770.551
Pounds of water @ 1' freeboard tank total	3,233,334.016	3,702,825.239	7,285,043.778	8,325,731.067	12,996,724.777	14,796,419.206	20,243,297.823
PSI of water vertically @ 1' freeboard	4.777	4.766	4.777	4.766	4.777	4.766	4.777
lbs./ft³ of water vertically @ 1' freeboard	687.949	686.263	687.949	686.263	687.949	686.263	687.949
Barrels @ 2' freeboard	8,411.095	9,604.167	18,951.086	21,594.784	33,809.275	38,378.068	52,660.285
Gallons @ 2' freeboard	353,265.969	403,375.006	795,945.620	906,980.914	1,419,989.568	1,611,878.850	2,211,731.973
Pounds of water @ 2' freeboard tank total	2,948,039.838	3,366,204.763	6,642,245.797	7,568,846.424	11,849,954.943	13,451,290.187	18,457,124.486
PSI of water vertically @ 2' freeboard	4.356	4.332	4.356	4.332	4.356	4.332	4.356
lbs./ft³ of water vertically @ 2' freeboard	627.248	623.875	627.248	623.875	627.248	623.875	627.248