

Tanks-A-Lot Volumetric Calculations

25 bbl. IM-101 Tank  
 Vessel ID 65.375 inches  
 Vessel Radius 32.6875 inches  
 Vessel length T/T 59 inches



h=liquid height in inches

h inches	Tank vol BBLs	Head vol BBLs	Total vol BBLs	Gallons
1	0.25	0.07	0	0.07 2.874792
2	0.35	0.18	0.01	0.2 8.248707
3	0.43	0.34	0.03	0.36 15.29679
3	0.5	0.51	0.05	0.56 23.71079
5	0.58	0.72	0.08	0.79 33.30457
6	0.62	0.94	0.11	1.05 43.94676
7	0.67	1.17	0.15	1.32 55.5364
8	0.71	1.43	0.19	1.62 67.9915
9	0.76	1.69	0.24	1.93 81.24281
10	0.8	1.97	0.29	2.27 95.23084
11	0.85	2.27	0.35	2.62 109.9015
12	0.89	2.57	0.41	2.98 125.2075
13	0.92	2.88	0.48	3.38 141.1046
14	0.95	3.2	0.55	3.75 157.5528
15	1	3.53	0.62	4.16 174.5137
16	1.04	3.67	0.7	4.57 191.9517
17	1.07	4.22	0.78	5 209.8331
18	1.1	4.57	0.88	5.43 228.1256
19	1.14	4.92	0.95	5.88 246.7982
20	1.17	5.29	1.04	6.33 265.8214
21	1.21	5.66	1.13	6.76 285.1661
22	1.24	6.03	1.23	7.28 304.8045
23	1.27	6.41	1.32	7.73 324.7083
24	1.3	6.79	1.42	8.21 344.8539
25	1.33	7.17	1.52	8.7 355.2122
26	1.36	7.56	1.62	9.18 385.7587
27	1.4	7.95	1.73	9.68 406.4681
28	1.43	8.34	1.83	10.17 427.3154
29	1.45	8.74	1.94	10.67 448.2761
30	1.49	9.13	2.04	11.17 469.3257
31	1.52	9.53	2.15	11.68 490.44
32	1.55	9.93	2.25	12.18 511.5949
33	1.58	10.32	2.36	12.68 532.7664
34	1.61	10.72	2.47	13.19 553.9303
35	1.64	11.12	2.57	13.69 575.0626
36	1.67	11.51	2.68	14.19 596.1393
37	1.7	11.91	2.79	14.68 617.1362
38	1.73	12.3	2.89	15.19 638.029
39	1.77	12.69	2.99	15.69 658.793
40	1.8	13.06	3.1	16.18 679.4034
41	1.83	13.47	3.2	16.66 699.8353
42	1.86	13.85	3.3	17.14 720.0531
43	1.89	14.23	3.39	17.62 740.0509
44	1.92	14.6	3.49	18.09 759.8024
45	1.96	14.97	3.58	18.55 779.2605
46	1.99	15.34	3.67	19.01 798.4075
47	2.02	15.7	3.76	19.46 817.215
48	2.06	16.05	3.84	19.9 835.6537

49	2.09	16.4	3.93	20.33	853.6929
50	2.13	16.74	4	20.75	871.3011
51	2.17	17.07	4.08	21.15	888.4449
52	2.2	14.7	4.15	21.55	905.0896
53	2.24	17.71	4.22	21.93	921.196
54	2.28	18.02	4.28	22.3	936.7307
55	2.32	18.32	4.34	22.66	951.6451
56	2.36	18.6	4.4	23	965.8949
57	2.41	18.87	4.45	23.32	979.4291
58	2.46	19.13	4.49	23.62	992.1903
59	2.51	19.38	4.53	23.91	1004.113
60	2.56	19.6	4.57	24.17	1015.121
61	2.62	19.81	4.6	24.41	1025.122
62	2.68	20	4.62	24.62	1033.996
63	2.76	20.16	4.64	24.8	1041.584
64	2.85	20.29	4.65	24.94	1047.536
65	2.99	20.38	4.66	25.04	1051.65
65.375	3.14	20.4	4.68	25.05	1052.3