

SERIAL NO. A7654-A7659

## CYLINDRICAL TANK - THEORETICAL INRGE CALIBRATION

DIAMETER = 31.44 in.  
 G.P.I. = 9.00 in.  
 HEAD GAL = 60.38 gal.

LENGTH = 462.0 in.  
 CAPACITY = 4276 gal.

524201  
 524202  
 524203  
 524204  
 514205  
 514206

INCH	0	1/4	1/2	3/4	INCH	0	1/4	1/2	3/4
0	0	3	7	13	26	2169	2195	22	248
1	20	28	36	45	27	2274	2301	2327	2354
2	55	66	77	89	28	2380	2406	2433	2459
3	101	113	126	140	29	2485	2512	2538	2564
4	154	168	183	198	30	2590	2616	2642	2668
5	214	230	246	262	31	2694	2720	2746	72
6	279	296	314	332	32	2797	2823	284	2874
7	350	368	386	405	33	2899	2925	2950	2975
8	424	444	463	483	34	3000	3025	3050	3075
9	503	523	544	564	35	3100	3124	3149	3173
10	585	606	627	649	36	3198	3222	3246	3270
11	670	692	714	736	37	3294	3317	334	3365
12	759	781	804	826	38	3388	3411	3434	3457
13	849	872	896	919	39	3480	3502	3525	3547
14	943	966	990	1014	40	3569	3591	3613	3634
15	1038	1062	1086	1110	41	3656	3677	3699	3719
16	1135	1160	1184	1209	42	3739	3760	378	3800
17	1234	1259	1284	1309	43	3820	3839	3858	3877
18	1334	1359	1385	1410	44	3896	3915	3933	3951
19	1435	1461	1487	1513	45	3968	3986	4003	4020
20	1538	1564	1590	1616	46	4036	4052	4068	4083
21	1642	1668	1694	1720	47	4098	4113	4127	4141
22	1747	1773	1799	1825	48	4155	4168	4180	4193
23	1852	1878	1904	1931	49	4204	4215	4225	4235
24	1957	1983	2010	2036	50	4244	4252	4260	4268
25	2063	2089	2116	2142	51	4272	4276	0	

\* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!

PAPER37918-922.txt  
 CALIBRATION CHART STRAIGHT ROUND  
 INNAGE

\*\* US GALLONS \*\*

COMPARTMENT LENGTH= 468.000 INCHES    BARREL/CPT I.D.= 52.875 INCHES  
 HEAD GALLONAGE= 81. GALLONS            INCREMENT= 0.250 INCHES

524207

	0 FT	1 FT	2 FT	3 FT	4 FT
INCHES					
0.00	0.	768.	1998.	3288.	4323.
0.25	2.	791.	2026.	3314.	4338.
0.50	7.	814.	2053.	3339.	4353.
0.75	13.	838.	2080.	3364.	4368.
1.00	20.	861.	2108.	3389.	4382.
1.25	27.	885.	2135.	3414.	4396.
1.50	36.	908.	2162.	3439.	4410.
1.75	45.	932.	2190.	3464.	4423.
2.00	55.	956.	2217.	3489.	4435.
2.25	66.	980.	2244.	3513.	4447.
2.50	77.	1005.	2272.	3537.	4458.
2.75	89.	1029.	2299.	3562.	4469.
3.00	101.	1054.	2327.	3586.	4480.
3.25	114.	1078.	2354.	3610.	4489.
3.50	127.	1103.	2381.	3633.	4498.
3.75	141.	1128.	2409.	3657.	4506.
4.00	155.	1153.	2436.	3681.	4514.
4.25	169.	1178.	2463.	3704.	4520.
4.50	184.	1203.	2491.	3727.	4525.
4.75	199.	1229.	2518.	3750.	4529.
5.00	215.	1254.	2545.	3773.	
5.25	231.	1280.	2572.	3796.	
5.50	247.	1305.	2600.	3818.	
5.75	264.	1331.	2627.	3840.	
6.00	281.	1357.	2654.	3862.	
6.25	299.	1383.	2681.	3884.	
6.50	316.	1409.	2708.	3906.	
6.75	334.	1435.	2735.	3928.	
7.00	352.	1461.	2762.	3949.	
7.25	371.	1488.	2789.	3970.	
7.50	390.	1514.	2816.	3991.	
7.75	409.	1541.	2843.	4012.	
8.00	428.	1567.	2870.	4032.	
8.25	448.	1594.	2896.	4052.	
8.50	468.	1620.	2923.	4072.	
8.75	488.	1647.	2950.	4092.	
9.00	508.	1674.	2976.	4111.	
9.25	529.	1700.	3003.	4131.	
9.50	549.	1727.	3029.	4149.	
9.75	570.	1754.	3055.	4168.	
10.00	592.	1781.	3081.	4187.	
10.25	613.	1808.	3108.	4205.	
10.50	635.	1835.	3134.	4222.	
10.75	656.	1862.	3160.	4240.	
11.00	678.	1889.	3186.	4257.	
11.25	701.	1917.	3211.	4274.	
11.50	723.	1944.	3237.	4291.	
11.75	746.	1971.	3263.	4307.	

TOTAL COMPARTMENT VOLUME 4530. GALLONS.  
 THIS CHART IS BASED ON THEORETICAL DIMENSIONS.  
 AN ACTUAL WATER CALIBRATION MAY BE NECESSARY FOR GREATER ACCURACY.

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 CALIBRATION CHART STRAIGHT ROUND  
 INNAGE

\*\* US GALLONS \*\*  
 COMPARTMENT LENGTH= 468.000 INCHES BARREL/CPT I.D.= 52.875 INCHES  
 HEAD GALLONAGE= 81. GALLONS INCREMENT= 0.250 INCHES

524208

	0 FT	1 FT	2 FT	3 FT	4 FT
INCHES					
0.00	0.	768.	1998.	3288.	4323.
0.25	2.	791.	2026.	3314.	4338.
0.50	7.	814.	2053.	3339.	4353.
0.75	13.	838.	2080.	3364.	4368.
1.00	20.	861.	2108.	3389.	4382.
1.25	27.	885.	2135.	3414.	4396.
1.50	36.	908.	2162.	3439.	4410.
1.75	45.	932.	2190.	3464.	4423.
2.00	55.	956.	2217.	3489.	4435.
2.25	66.	980.	2244.	3513.	4447.
2.50	77.	1005.	2272.	3537.	4458.
2.75	89.	1029.	2299.	3562.	4469.
3.00	101.	1054.	2327.	3586.	4480.
3.25	114.	1078.	2354.	3610.	4489.
3.50	127.	1103.	2381.	3633.	4498.
3.75	141.	1128.	2409.	3657.	4506.
4.00	155.	1153.	2436.	3681.	4514.
4.25	169.	1178.	2463.	3704.	4520.
4.50	184.	1203.	2491.	3727.	4525.
4.75	199.	1229.	2518.	3750.	4529.
5.00	215.	1254.	2545.	3773.	
5.25	231.	1280.	2572.	3796.	
5.50	247.	1305.	2600.	3818.	
5.75	264.	1331.	2627.	3840.	
6.00	281.	1357.	2654.	3862.	
6.25	299.	1383.	2681.	3884.	
6.50	316.	1409.	2708.	3906.	
6.75	334.	1435.	2735.	3928.	
7.00	352.	1461.	2762.	3949.	
7.25	371.	1488.	2789.	3970.	
7.50	390.	1514.	2816.	3991.	
7.75	409.	1541.	2843.	4012.	
8.00	428.	1567.	2870.	4032.	
8.25	448.	1594.	2896.	4052.	
8.50	468.	1620.	2923.	4072.	
8.75	488.	1647.	2950.	4092.	
9.00	508.	1674.	2976.	4111.	
9.25	529.	1700.	3003.	4131.	
9.50	549.	1727.	3029.	4149.	
9.75	570.	1754.	3055.	4168.	
10.00	592.	1781.	3081.	4187.	
10.25	613.	1808.	3108.	4205.	
10.50	635.	1835.	3134.	4222.	
10.75	656.	1862.	3160.	4240.	
11.00	678.	1889.	3186.	4257.	
11.25	701.	1917.	3211.	4274.	
11.50	723.	1944.	3237.	4291.	
11.75	746.	1971.	3263.	4307.	

TOTAL COMPARTMENT VOLUME 4530. GALLONS.  
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 HEAD GALLONAGE= 81. GALLONS              INCREMENT= 0.250 INCHES

INCHES	0 FT	1 FT	2 FT	3 FT	4 FT
0.00	0.	768.	1998.	3288.	4323.
0.25	2.	791.	2026.	3314.	4338.
0.50	7.	814.	2053.	3339.	4353.
0.75	13.	838.	2080.	3364.	4368.
1.00	20.	861.	2108.	3389.	4382.
1.25	27.	885.	2135.	3414.	4396.
1.50	36.	908.	2162.	3439.	4410.
1.75	45.	932.	2190.	3464.	4423.
2.00	55.	956.	2217.	3489.	4435.
2.25	66.	980.	2244.	3513.	4447.
2.50	77.	1005.	2272.	3537.	4458.
2.75	89.	1029.	2299.	3562.	4469.
3.00	101.	1054.	2327.	3586.	4480.
3.25	114.	1078.	2354.	3610.	4489.
3.50	127.	1103.	2381.	3633.	4498.
3.75	141.	1128.	2409.	3657.	4506.
4.00	155.	1153.	2436.	3681.	4514.
4.25	169.	1178.	2463.	3704.	4520.
4.50	184.	1203.	2491.	3727.	4525.
4.75	199.	1229.	2518.	3750.	4529.
5.00	215.	1254.	2545.	3773.	
5.25	231.	1280.	2572.	3796.	
5.50	247.	1305.	2600.	3818.	
5.75	264.	1331.	2627.	3840.	
6.00	281.	1357.	2654.	3862.	
6.25	299.	1383.	2681.	3884.	
6.50	316.	1409.	2708.	3906.	
6.75	334.	1435.	2735.	3928.	
7.00	352.	1461.	2762.	3949.	
7.25	371.	1488.	2789.	3970.	
7.50	390.	1514.	2816.	3991.	
7.75	409.	1541.	2843.	4012.	
8.00	428.	1567.	2870.	4032.	
8.25	448.	1594.	2896.	4052.	
8.50	468.	1620.	2923.	4072.	
8.75	488.	1647.	2950.	4092.	
9.00	508.	1674.	2976.	4111.	
9.25	529.	1700.	3003.	4131.	
9.50	549.	1727.	3029.	4149.	
9.75	570.	1754.	3055.	4168.	
10.00	592.	1781.	3081.	4187.	
10.25	613.	1808.	3108.	4205.	
10.50	635.	1835.	3134.	4222.	
10.75	656.	1862.	3160.	4240.	
11.00	678.	1889.	3186.	4257.	
11.25	701.	1917.	3211.	4274.	
11.50	723.	1944.	3237.	4291.	
11.75	746.	1971.	3263.	4307.	

524209

TOTAL COMPARTMENT VOLUME 4530. GALLONS.  
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