

# STRAPPING CHART

VOLUMES OF TANKS IN BARRELS

Depth of Fluid	Tank Diameter								
	8'	9'6"	10'	11'	12'	12'6"	14'	20'	21'7"
1/16"	0.046	0.065	0.072	0.087	0.104	0.114	0.142	0.291	0.338
1/8"	0.093	0.131	0.145	0.175	0.209	0.228	0.284	0.591	0.677
3/16"	0.139	0.196	0.217	0.263	0.313	0.342	0.427	0.872	1.015
1/4"	0.185	0.261	0.290	0.350	0.418	0.456	0.569	1.162	1.354
5/16"	0.231	0.327	0.362	0.438	0.522	0.570	0.711	1.453	1.692
3/8"	0.278	0.392	0.454	0.526	0.626	0.684	0.853	1.743	2.030
7/16"	0.324	0.457	0.507	0.613	0.731	0.798	0.995	2.034	2.369
1/2"	0.370	0.522	0.579	0.701	0.835	0.912	1.138	2.324	2.707
9/16"	0.417	0.588	0.652	0.788	0.940	1.026	1.280	2.615	3.046
5/8"	0.463	0.653	0.724	0.876	1.044	1.140	1.422	2.905	3.384
11/16"	0.509	0.718	0.796	0.964	1.148	1.254	1.564	3.196	3.722
3/4"	0.566	0.784	0.869	1.051	1.253	1.368	1.706	3.486	4.061
13/16"	0.602	0.849	0.941	1.138	1.357	1.482	1.849	3.777	4.399
7/8"	0.648	0.914	1.014	1.226	1.462	1.596	1.991	4.067	4.738
15/16"	0.695	0.980	1.086	1.314	1.566	1.710	2.133	4.358	5.076
1"	0.740	1.045	1.158	1.402	1.670	1.825	2.274	4.648	5.414
2"	1.480	2.090	2.317	2.805	3.340	3.650	4.549	9.296	10.829
3"	2.221	3.135	3.475	4.207	5.009	5.475	6.824	13.944	16.243
4"	2.961	4.180	4.634	5.610	6.679	7.300	9.098	18.592	21.658
5"	3.701	5.226	5.792	7.012	8.349	9.125	11.373	23.241	27.072
6"	4.441	6.271	6.950	8.414	10.019	10.950	13.647	27.889	32.486
7"	5.181	7.316	8.109	9.817	11.589	12.775	15.922	32.537	37.901
8"	5.922	8.361	9.267	11.219	13.358	14.600	17.196	37.185	43.315
8"	6.662	9.406	10.426	12.622	15.028	16.425	20.471	41.833	48.730
10"	7.402	10.451	11.584	14.024	16.698	18.250	22.745	46.481	54.144
11"	8.142	11.496	12.742	15.426	18.368	20.075	25.020	51.129	59.558
1'	8.882	12.541	13.901	16.829	20.038	21.910	27.294	55.777	64.973
2'	17.765	25.083	27.801	33.659	40.075	43.820	54.588	111.554	129.946
3'	26.647	37.624	41.702	50.488	60.113	65.730	81.882	167.331	194.920
4'	35.530	50.166	55.602	67.317	80.151	87.640	109.176	223.108	259.893
5'	44.412	62.707	69.503	84.147	100.188	109.550	136.470	278.885	324.866
6'	53.294	75.248	83.403	100.976	120.226	131.460	163.764	334.661	369.839
7'	62.177	87.790	97.304	117.805	140.264	153.370	191.058	390.438	454.812
8'	71.059	100.331	111.204	134.634	160.302	175.280	218.352	446.215	519.786
9'	79.942	112.873	125.105	151.646	180.339	197.190	245.646	501.992	584.759
10'	88.824	125.414	139.005	168.293	200.337	219.100	272.940	557.769	649.732
11'	97.706	137.955	152.906	185.122	220.415	241.010	300.234	613.546	714.705
12'	106.589	150.497	166.806	201.952	240.452	262.920	327.528	669.323	779.678
13'	115.471	163.038	180.706	218.781	260.490	284.830	354.822	725.100	844.652
14'	124.354	175.580	194.607	235.610	280.528	306.740	382.116	780.877	909.625
15'	133.236	188.121	208.508	252.440	300.565	328.650	409.410	836.654	974.598
16'	142.118	200.662	222.408	269.269	320.603	350.560	436.704	892.430	1039.571
17'	151.001	213.204	236.309	286.098	340.641	372.470	463.998	948.207	1104.544
18'	159.883	225.745	250.209	302.927	360.679	394.380	491.292	1003.984	1169.518
19'	168.766	238.287	264.110	319.757	380.716	416.290	518.586	1059.761	1234.491
20'	177.648	250.828	278.010	336.586	400.754	438.200	545.880	1115.538	1299.464
21'	186.530	263.369	291.911	353.415	420.792	460.110	573.174	1171.315	1364.437
22'	195.413	275.911	305.811	370.245	440.829	482.020	600.463	1227.092	1429.410
23'	204.295	288.452	319.712	387.074	460.867	503.930	627.782	1282.869	1494.384
24'	213.178	300.994	333.612	403.903	480.905	525.840	655.056	1338.646	1559.357

**EXAMPLE:**

To obtain capacity of 16' 6 3/8" of oil in a 12' diameter tank add as follows:

16'     320.603  
 6"     10.019  
 3/8"     .626  
 Total   331.248 barrels

# L I D E

# INDUSTRIES

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