

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX30002  
 Shell Full Capacity: 30,140 gal.  
 Car Specification: DOT 111A100W1  
 Tank Style: Straight cylindrical tank  
 Tank Head Diameter: 119.125 in.  
 Tank Slope: 0 in/ft

Table Developed on: 12/21/04  
 Printed on 12/21/04  
 Printed by: R CALVIT  
 Lining Thickness: 0 in.  
 Volume of Internal Components: 0 gal.  
 Manway Volume in Capacity: 0 gal.

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Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
0.25	4	10.25	1,217	20.25	3,328	30.25	5,948
0.50	13	10.50	1,262	20.50	3,389	30.50	6,019
0.75	24	10.75	1,307	20.75	3,449	30.75	6,089
1.00	37	11.00	1,352	21.00	3,510	31.00	6,160
1.25	52	11.25	1,398	21.25	3,571	31.25	6,231
1.50	68	11.50	1,445	21.50	3,632	31.50	6,302
1.75	86	11.75	1,492	21.75	3,694	31.75	6,373
2.00	105	12.00	1,539	22.00	3,756	32.00	6,445
2.25	125	12.25	1,587	22.25	3,818	32.25	6,516
2.50	147	12.50	1,635	22.50	3,881	32.50	6,588
2.75	170	12.75	1,684	22.75	3,944	32.75	6,660
3.00	193	13.00	1,733	23.00	4,007	33.00	6,733
3.25	218	13.25	1,782	23.25	4,071	33.25	6,805
3.50	244	13.50	1,832	23.50	4,134	33.50	6,878
3.75	270	13.75	1,883	23.75	4,198	33.75	6,950
4.00	298	14.00	1,934	24.00	4,262	34.00	7,023
4.25	326	14.25	1,985	24.25	4,327	34.25	7,096
4.50	355	14.50	2,037	24.50	4,392	34.50	7,170
4.75	385	14.75	2,089	24.75	4,457	34.75	7,243
5.00	416	15.00	2,141	25.00	4,522	35.00	7,317
5.25	448	15.25	2,194	25.25	4,588	35.25	7,391
5.50	480	15.50	2,247	25.50	4,653	35.50	7,465
5.75	513	15.75	2,301	25.75	4,720	35.75	7,539
6.00	547	16.00	2,355	26.00	4,786	36.00	7,613
6.25	582	16.25	2,410	26.25	4,852	36.25	7,687
6.50	617	16.50	2,464	26.50	4,919	36.50	7,762
6.75	653	16.75	2,520	26.75	4,986	36.75	7,837
7.00	689	17.00	2,575	27.00	5,053	37.00	7,912
7.25	726	17.25	2,631	27.25	5,121	37.25	7,987
7.50	764	17.50	2,687	27.50	5,189	37.50	8,062
7.75	802	17.75	2,744	27.75	5,257	37.75	8,137
8.00	841	18.00	2,801	28.00	5,325	38.00	8,213
8.25	881	18.25	2,858	28.25	5,393	38.25	8,288
8.50	921	18.50	2,916	28.50	5,462	38.50	8,364
8.75	962	18.75	2,974	28.75	5,531	38.75	8,440
9.00	1,003	19.00	3,032	29.00	5,600	39.00	8,516
9.25	1,045	19.25	3,091	29.25	5,669	39.25	8,592
9.50	1,087	19.50	3,150	29.50	5,739	39.50	8,668
9.75	1,130	19.75	3,209	29.75	5,808	39.75	8,745
10.00	1,174	20.00	3,268	30.00	5,878	40.00	8,821

This gage table shows OUTAGE volumes (volume of vapor space above the liquid surface).  
 Distances are measured downward from the shell-full (zero-outage) level to the surface of the liquid.

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40.25	8,898	50.25	12,049	60.25	15,294	70.25	18,532
40.50	8,975	50.50	12,130	60.50	15,375	70.50	18,612
40.75	9,052	50.75	12,210	60.75	15,457	70.75	18,692
41.00	9,129	51.00	12,291	61.00	15,538	71.00	18,771
41.25	9,206	51.25	12,371	61.25	15,620	71.25	18,851
41.50	9,283	51.50	12,452	61.50	15,701	71.50	18,931
41.75	9,361	51.75	12,532	61.75	15,782	71.75	19,011
42.00	9,438	52.00	12,613	62.00	15,864	72.00	19,090
42.25	9,516	52.25	12,694	62.25	15,945	72.25	19,170
42.50	9,594	52.50	12,775	62.50	16,026	72.50	19,249
42.75	9,671	52.75	12,856	62.75	16,108	72.75	19,328
43.00	9,749	53.00	12,936	63.00	16,189	73.00	19,408
43.25	9,827	53.25	13,017	63.25	16,270	73.25	19,487
43.50	9,906	53.50	13,098	63.50	16,352	73.50	19,566
43.75	9,984	53.75	13,179	63.75	16,433	73.75	19,645
44.00	10,062	54.00	13,260	64.00	16,514	74.00	19,724
44.25	10,141	54.25	13,342	64.25	16,595	74.25	19,802
44.50	10,219	54.50	13,423	64.50	16,676	74.50	19,881
44.75	10,298	54.75	13,504	64.75	16,758	74.75	19,960
45.00	10,377	55.00	13,585	65.00	16,839	75.00	20,038
45.25	10,455	55.25	13,666	65.25	16,920	75.25	20,117
45.50	10,534	55.50	13,747	65.50	17,001	75.50	20,195
45.75	10,613	55.75	13,829	65.75	17,082	75.75	20,273
46.00	10,693	56.00	13,910	66.00	17,163	76.00	20,351
46.25	10,772	56.25	13,991	66.25	17,244	76.25	20,429
46.50	10,851	56.50	14,073	66.50	17,325	76.50	20,507
46.75	10,930	56.75	14,154	66.75	17,405	76.75	20,585
47.00	11,010	57.00	14,235	67.00	17,486	77.00	20,663
47.25	11,089	57.25	14,317	67.25	17,567	77.25	20,740
47.50	11,169	57.50	14,398	67.50	17,648	77.50	20,818
47.75	11,249	57.75	14,479	67.75	17,728	77.75	20,895
48.00	11,328	58.00	14,561	68.00	17,809	78.00	20,972
48.25	11,408	58.25	14,642	68.25	17,889	78.25	21,049
48.50	11,488	58.50	14,724	68.50	17,970	78.50	21,126
48.75	11,568	58.75	14,805	68.75	18,050	78.75	21,203
49.00	11,648	59.00	14,887	69.00	18,131	79.00	21,280
49.25	11,728	59.25	14,968	69.25	18,211	79.25	21,357
49.50	11,808	59.50	15,049	69.50	18,291	79.50	21,433
49.75	11,889	59.75	15,131	69.75	18,371	79.75	21,509
50.00	11,969	60.00	15,212	70.00	18,452	80.00	21,586

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80.25	21,662	90.25	24,575	100.25	27,137	110.25	29,157
80.50	21,738	90.50	24,643	100.50	27,195	110.50	29,198
80.75	21,814	90.75	24,712	100.75	27,253	110.75	29,239
81.00	21,889	91.00	24,781	101.00	27,310	111.00	29,279
81.25	21,965	91.25	24,849	101.25	27,367	111.25	29,318
81.50	22,040	91.50	24,917	101.50	27,424	111.50	29,357
81.75	22,115	91.75	24,985	101.75	27,481	111.75	29,395
82.00	22,191	92.00	25,053	102.00	27,537	112.00	29,432
82.25	22,266	92.25	25,120	102.25	27,592	112.25	29,469
82.50	22,340	92.50	25,187	102.50	27,648	112.50	29,505
82.75	22,415	92.75	25,254	102.75	27,703	112.75	29,541
83.00	22,490	93.00	25,321	103.00	27,757	113.00	29,575
83.25	22,564	93.25	25,387	103.25	27,812	113.25	29,610
83.50	22,638	93.50	25,453	103.50	27,865	113.50	29,643
83.75	22,712	93.75	25,519	103.75	27,919	113.75	29,676
84.00	22,786	94.00	25,585	104.00	27,972	114.00	29,708
84.25	22,860	94.25	25,650	104.25	28,025	114.25	29,739
84.50	22,933	94.50	25,715	104.50	28,077	114.50	29,769
84.75	23,007	94.75	25,780	104.75	28,129	114.75	29,799
85.00	23,080	95.00	25,845	105.00	28,180	115.00	29,828
85.25	23,153	95.25	25,909	105.25	28,231	115.25	29,856
85.50	23,226	95.50	25,973	105.50	28,282	115.50	29,883
85.75	23,298	95.75	26,037	105.75	28,332	115.75	29,909
86.00	23,371	96.00	26,101	106.00	28,382	116.00	29,934
86.25	23,443	96.25	26,164	106.25	28,432	116.25	29,958
86.50	23,515	96.50	26,227	106.50	28,480	116.50	29,982
86.75	23,587	96.75	26,290	106.75	28,529	116.75	30,004
87.00	23,659	97.00	26,352	107.00	28,577	117.00	30,025
87.25	23,731	97.25	26,415	107.25	28,625	117.25	30,044
87.50	23,802	97.50	26,476	107.50	28,672	117.50	30,063
87.75	23,873	97.75	26,538	107.75	28,718	117.75	30,080
88.00	23,944	98.00	26,599	108.00	28,764	118.00	30,096
88.25	24,015	98.25	26,660	108.25	28,810	118.25	30,110
88.50	24,086	98.50	26,721	108.50	28,855	118.50	30,122
88.75	24,156	98.75	26,781	108.75	28,900	118.75	30,131
89.00	24,227	99.00	26,841	109.00	28,944	119.00	30,138
89.25	24,297	99.25	26,901	109.25	28,988		
89.50	24,366	99.50	26,961	109.50	29,031		
89.75	24,436	99.75	27,020	109.75	29,074		
90.00	24,505	100.00	27,078	110.00	29,116		

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