

Texana Tank Car & Mfg., Ltd.

Gage Table Number: NTLX 1099
 Shell Full Capacity: 30,209 gal.
 Car Specification: DOT 111A100W1
 Tank Style: Straight-top, sloping-bottom tank
 Tank Head Diameter: 114.3661 in.
 Tank Center Diameter: 116.0174 in.

Table Developed on: 2/20/02
 Printed on 11/28/07
 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	5	10.25	1,289	20.25	3,514	30.25	6,267
0.50	14	10.50	1,336	20.50	3,577	30.50	6,341
0.75	26	10.75	1,383	20.75	3,641	30.75	6,415
1.00	40	11.00	1,431	21.00	3,705	31.00	6,489
1.25	55	11.25	1,480	21.25	3,770	31.25	6,563
1.50	73	11.50	1,529	21.50	3,834	31.50	6,638
1.75	92	11.75	1,578	21.75	3,899	31.75	6,713
2.00	112	12.00	1,628	22.00	3,964	32.00	6,788
2.25	134	12.25	1,678	22.25	4,030	32.25	6,863
2.50	156	12.50	1,729	22.50	4,096	32.50	6,938
2.75	180	12.75	1,781	22.75	4,162	32.75	7,014
3.00	206	13.00	1,833	23.00	4,228	33.00	7,090
3.25	232	13.25	1,885	23.25	4,295	33.25	7,165
3.50	259	13.50	1,938	23.50	4,362	33.50	7,242
3.75	287	13.75	1,991	23.75	4,429	33.75	7,318
4.00	316	14.00	2,045	24.00	4,497	34.00	7,394
4.25	346	14.25	2,099	24.25	4,565	34.25	7,471
4.50	377	14.50	2,153	24.50	4,633	34.50	7,548
4.75	409	14.75	2,208	24.75	4,701	34.75	7,625
5.00	442	15.00	2,264	25.00	4,770	35.00	7,702
5.25	475	15.25	2,319	25.25	4,839	35.25	7,779
5.50	509	15.50	2,376	25.50	4,908	35.50	7,856
5.75	544	15.75	2,432	25.75	4,977	35.75	7,934
6.00	580	16.00	2,489	26.00	5,047	36.00	8,012
6.25	617	16.25	2,546	26.25	5,117	36.25	8,090
6.50	654	16.50	2,604	26.50	5,187	36.50	8,168
6.75	692	16.75	2,662	26.75	5,257	36.75	8,246
7.00	730	17.00	2,721	27.00	5,328	37.00	8,324
7.25	770	17.25	2,780	27.25	5,399	37.25	8,403
7.50	809	17.50	2,839	27.50	5,470	37.50	8,481
7.75	850	17.75	2,899	27.75	5,541	37.75	8,560
8.00	891	18.00	2,959	28.00	5,613	38.00	8,639
8.25	933	18.25	3,019	28.25	5,685	38.25	8,718
8.50	975	18.50	3,080	28.50	5,757	38.50	8,798
8.75	1,018	18.75	3,141	28.75	5,829	38.75	8,877
9.00	1,062	19.00	3,202	29.00	5,901	39.00	8,956
9.25	1,106	19.25	3,264	29.25	5,974	39.25	9,036
9.50	1,151	19.50	3,326	29.50	6,047	39.50	9,116
9.75	1,196	19.75	3,388	29.75	6,120	39.75	9,196
10.00	1,242	20.00	3,451	30.00	6,194	40.00	9,276

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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Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
40.25	9,356	50.25	12,642	60.25	16,009	70.25	19,346
40.50	9,436	50.50	12,726	60.50	16,093	70.50	19,428
40.75	9,517	50.75	12,809	60.75	16,177	70.75	19,510
41.00	9,597	51.00	12,893	61.00	16,261	71.00	19,592
41.25	9,678	51.25	12,977	61.25	16,345	71.25	19,673
41.50	9,758	51.50	13,061	61.50	16,430	71.50	19,755
41.75	9,839	51.75	13,145	61.75	16,514	71.75	19,837
42.00	9,920	52.00	13,229	62.00	16,598	72.00	19,918
42.25	10,001	52.25	13,312	62.25	16,682	72.25	20,000
42.50	10,082	52.50	13,396	62.50	16,766	72.50	20,081
42.75	10,164	52.75	13,480	62.75	16,850	72.75	20,162
43.00	10,245	53.00	13,565	63.00	16,934	73.00	20,243
43.25	10,327	53.25	13,649	63.25	17,018	73.25	20,324
43.50	10,408	53.50	13,733	63.50	17,102	73.50	20,405
43.75	10,490	53.75	13,817	63.75	17,186	73.75	20,486
44.00	10,572	54.00	13,901	64.00	17,269	74.00	20,567
44.25	10,653	54.25	13,985	64.25	17,353	74.25	20,647
44.50	10,735	54.50	14,069	64.50	17,437	74.50	20,728
44.75	10,818	54.75	14,154	64.75	17,520	74.75	20,808
45.00	10,900	55.00	14,238	65.00	17,604	75.00	20,888
45.25	10,982	55.25	14,322	65.25	17,688	75.25	20,968
45.50	11,064	55.50	14,406	65.50	17,771	75.50	21,048
45.75	11,147	55.75	14,491	65.75	17,855	75.75	21,128
46.00	11,229	56.00	14,575	66.00	17,938	76.00	21,208
46.25	11,312	56.25	14,659	66.25	18,021	76.25	21,287
46.50	11,394	56.50	14,744	66.50	18,105	76.50	21,367
46.75	11,477	56.75	14,828	66.75	18,188	76.75	21,446
47.00	11,560	57.00	14,912	67.00	18,271	77.00	21,525
47.25	11,643	57.25	14,997	67.25	18,354	77.25	21,604
47.50	11,726	57.50	15,081	67.50	18,437	77.50	21,683
47.75	11,809	57.75	15,165	67.75	18,520	77.75	21,762
48.00	11,892	58.00	15,250	68.00	18,603	78.00	21,840
48.25	11,975	58.25	15,334	68.25	18,686	78.25	21,919
48.50	12,058	58.50	15,419	68.50	18,769	78.50	21,997
48.75	12,141	58.75	15,503	68.75	18,851	78.75	22,075
49.00	12,225	59.00	15,587	69.00	18,934	79.00	22,153
49.25	12,308	59.25	15,671	69.25	19,016	79.25	22,231
49.50	12,391	59.50	15,756	69.50	19,099	79.50	22,308
49.75	12,475	59.75	15,840	69.75	19,181	79.75	22,386
50.00	12,558	60.00	15,924	70.00	19,263	80.00	22,463

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Dist.	Outage	Dist.	Outage	Dist.	Outage	Dist.	Outage
Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
80.25	22,540	90.25	25,467	100.25	27,966	110.25	29,777
80.50	22,617	90.50	25,536	100.50	28,021	110.50	29,809
80.75	22,694	90.75	25,604	100.75	28,076	110.75	29,840
81.00	22,771	91.00	25,672	101.00	28,130	111.00	29,871
81.25	22,847	91.25	25,739	101.25	28,184	111.25	29,900
81.50	22,924	91.50	25,807	101.50	28,237	111.50	29,929
81.75	23,000	91.75	25,874	101.75	28,290	111.75	29,957
82.00	23,076	92.00	25,941	102.00	28,343	112.00	29,984
82.25	23,152	92.25	26,007	102.25	28,395	112.25	30,009
82.50	23,227	92.50	26,074	102.50	28,446	112.50	30,034
82.75	23,303	92.75	26,139	102.75	28,498	112.75	30,057
83.00	23,378	93.00	26,205	103.00	28,548	113.00	30,080
83.25	23,453	93.25	26,271	103.25	28,599	113.25	30,101
83.50	23,528	93.50	26,336	103.50	28,648	113.50	30,120
83.75	23,602	93.75	26,400	103.75	28,698	113.75	30,138
84.00	23,677	94.00	26,465	104.00	28,746	114.00	30,155
84.25	23,751	94.25	26,529	104.25	28,795	114.25	30,170
84.50	23,825	94.50	26,593	104.50	28,842	114.50	30,182
84.75	23,899	94.75	26,656	104.75	28,889	114.75	30,192
85.00	23,973	95.00	26,720	105.00	28,936	115.00	30,199
85.25	24,046	95.25	26,782	105.25	28,982	115.25	30,204
85.50	24,119	95.50	26,845	105.50	29,028	115.50	30,207
85.75	24,192	95.75	26,907	105.75	29,073	115.75	30,209
86.00	24,265	96.00	26,969	106.00	29,117	116.00	30,209
86.25	24,338	96.25	27,031	106.25	29,161		
86.50	24,410	96.50	27,092	106.50	29,205		
86.75	24,482	96.75	27,153	106.75	29,247		
87.00	24,554	97.00	27,213	107.00	29,289		
87.25	24,626	97.25	27,273	107.25	29,331		
87.50	24,697	97.50	27,333	107.50	29,372		
87.75	24,768	97.75	27,393	107.75	29,412		
88.00	24,839	98.00	27,452	108.00	29,452		
88.25	24,910	98.25	27,510	108.25	29,491		
88.50	24,981	98.50	27,569	108.50	29,529		
88.75	25,051	98.75	27,626	108.75	29,567		
89.00	25,121	99.00	27,684	109.00	29,603		
89.25	25,191	99.25	27,741	109.25	29,640		
89.50	25,260	99.50	27,798	109.50	29,675		
89.75	25,329	99.75	27,854	109.75	29,710		
90.00	25,398	100.00	27,910	110.00	29,743		

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