

Gauge Table # 5122

MTCX 9007

GAUGE TABLE FOR SINGLE COMPARTMENT RAIL TANK CAR

114.75 INCH I.D. X 64 FT. 11 INCHES O.A.L.

SERIAL NO. NA- 363379

GROSS CAPACITY 33876

GAUGE TABLE

INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK
.5	33859	24.5	28647	48.5	20289	72.5	11273
1	33830	25	28492	49	20102	73	11091
1.5	33793	25.5	28337	49.5	19914	73.5	10909
2	33748	26	28180	50	19727	74	10728
2.5	33698	26.5	28022	50.5	19539	74.5	10547
3	33642	27	27864	51	19350	75	10367
3.5	33582	27.5	27704	51.5	19162	75.5	10187
4	33517	28	27543	52	18973	76	10008
4.5	33448	28.5	27381	52.5	18784	76.5	9829
5	33375	29	27218	53	18595	77	9652
5.5	33299	29.5	27054	53.5	18406	77.5	9474
6	33219	30	26889	54	18217	78	9298
6.5	33135	30.5	26723	54.5	18028	78.5	9122
7	33049	31	26556	55	17838	79	8947
7.5	32959	31.5	26388	55.5	17649	79.5	8772
8	32867	32	26219	56	17459	80	8598
8.5	32772	32.5	26050	56.5	17270	80.5	8425
9	32674	33	25880	57	17080	81	8253
9.5	32574	33.5	25709	57.5	16891	81.5	8082
10	32471	34	25537	58	16701	82	7911
10.5	32365	34.5	25364	58.5	16511	82.5	7741
11	32257	35	25191	59	16322	83	7572
11.5	32147	35.5	25016	59.5	16132	83.5	7404
12	32035	36	24842	60	15943	84	7237
12.5	31921	36.5	24666	60.5	15753	84.5	7070
13	31804	37	24490	61	15564	85	6905
13.5	31685	37.5	24313	61.5	15375	85.5	6740
14	31565	38	24135	62	15186	86	6577
14.5	31442	38.5	23957	62.5	14997	86.5	6414
15	31318	39	23778	63	14808	87	6253
15.5	31192	39.5	23599	63.5	14620	87.5	6092
16	31063	40	23419	64	14431	88	5933
16.5	30934	40.5	23239	64.5	14243	88.5	5774
17	30802	41	23058	65	14055	89	5617
17.5	30669	41.5	22876	65.5	13868	89.5	5461
18	30534	42	22694	66	13680	90	5306
18.5	30397	42.5	22512	66.5	13493	90.5	5152
19	30259	43	22329	67	13306	91	5000
19.5	30120	43.5	22145	67.5	13119	91.5	4849
20	29979	44	21961	68	12933	92	4698
20.5	29836	44.5	21777	68.5	12747	92.5	4550
21	29692	45	21592	69	12561	93	4402
21.5	29547	45.5	21407	69.5	12376	93.5	4256
22	29400	46	21222	70	12191	94	4112
22.5	29252	46.5	21036	70.5	12007	94.5	3968
23	29103	47	20850	71	11823	95	3827

NORTH AMERICAN CAR CORPORATION
77 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606

Gauge Table # 5122

MTCX 9007

pg 2

GAUGE TABLE FOR SINGLE COMPARTMENT RAIL TANK CARS

114.75 INCH I.D. X 64 FT. 11 INCHES O.A.L.

4-Capacity 33,876

SERIAL NO. NA- 363379

GROSS CAPACITY 33876

GAUGE TABLE

INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK
96.5	3410	101	2250	105.5	1252	110	464
97	3274	101.5	2131	106	1152	110.5	393
97.5	3140	102	2013	106.5	1056	111	326
98	3008	102.5	1898	107	962	111.5	263
98.5	2877	103	1784	107.5	871	112	205
99	2748	103.5	1673	108	783	112.5	152
99.5	2621	104	1564	108.5	698	113	105
100	2496	104.5	1458	109	617	113.5	63
100.5	2372	105	1353	109.5	538	114	30
						114.5	6
						114.75	0

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9008
 Shell Full Capacity: 33,946 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/26/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 1

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
0.25	6	10.25	1,460	20.25	3,976	30.25	7,085
0.50	16	10.50	1,513	20.50	4,048	30.50	7,168
0.75	29	10.75	1,567	20.75	4,120	30.75	7,251
1.00	45	11.00	1,621	21.00	4,192	31.00	7,335
1.25	63	11.25	1,676	21.25	4,265	31.25	7,419
1.50	83	11.50	1,731	21.50	4,338	31.50	7,503
1.75	104	11.75	1,787	21.75	4,411	31.75	7,587
2.00	127	12.00	1,844	22.00	4,485	32.00	7,672
2.25	152	12.25	1,901	22.25	4,559	32.25	7,757
2.50	178	12.50	1,959	22.50	4,633	32.50	7,842
2.75	205	12.75	2,017	22.75	4,708	32.75	7,927
3.00	233	13.00	2,075	23.00	4,783	33.00	8,012
3.25	263	13.25	2,135	23.25	4,858	33.25	8,098
3.50	294	13.50	2,194	23.50	4,934	33.50	8,184
3.75	326	13.75	2,255	23.75	5,010	33.75	8,270
4.00	359	14.00	2,315	24.00	5,086	34.00	8,356
4.25	393	14.25	2,376	24.25	5,163	34.25	8,443
4.50	428	14.50	2,438	24.50	5,240	34.50	8,529
4.75	464	14.75	2,500	24.75	5,317	34.75	8,616
5.00	501	15.00	2,563	25.00	5,394	35.00	8,703
5.25	539	15.25	2,626	25.25	5,472	35.25	8,790
5.50	578	15.50	2,689	25.50	5,550	35.50	8,878
5.75	617	15.75	2,753	25.75	5,628	35.75	8,965
6.00	658	16.00	2,818	26.00	5,707	36.00	9,053
6.25	699	16.25	2,883	26.25	5,786	36.25	9,141
6.50	741	16.50	2,948	26.50	5,865	36.50	9,229
6.75	784	16.75	3,014	26.75	5,945	36.75	9,317
7.00	828	17.00	3,080	27.00	6,024	37.00	9,405
7.25	872	17.25	3,146	27.25	6,104	37.25	9,494
7.50	918	17.50	3,213	27.50	6,185	37.50	9,583
7.75	963	17.75	3,281	27.75	6,265	37.75	9,671
8.00	1,010	18.00	3,348	28.00	6,346	38.00	9,761
8.25	1,057	18.25	3,417	28.25	6,427	38.25	9,850
8.50	1,105	18.50	3,485	28.50	6,508	38.50	9,939
8.75	1,154	18.75	3,554	28.75	6,590	38.75	10,029
9.00	1,204	19.00	3,624	29.00	6,672	39.00	10,118
9.25	1,254	19.25	3,693	29.25	6,754	39.25	10,208
9.50	1,304	19.50	3,763	29.50	6,836	39.50	10,298
9.75	1,356	19.75	3,834	29.75	6,919	39.75	10,388
10.00	1,407	20.00	3,905	30.00	7,001	40.00	10,478

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.

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9008
 Shell Full Capacity: 33,946 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/26/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 2

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
40.25	10,569	50.25	14,273	60.25	18,065	70.25	21,822
40.50	10,659	50.50	14,367	60.50	18,160	70.50	21,915
40.75	10,750	50.75	14,461	60.75	18,255	70.75	22,007
41.00	10,841	51.00	14,556	61.00	18,350	71.00	22,099
41.25	10,931	51.25	14,650	61.25	18,445	71.25	22,191
41.50	11,022	51.50	14,745	61.50	18,539	71.50	22,283
41.75	11,114	51.75	14,839	61.75	18,634	71.75	22,375
42.00	11,205	52.00	14,934	62.00	18,729	72.00	22,467
42.25	11,296	52.25	15,028	62.25	18,823	72.25	22,559
42.50	11,388	52.50	15,123	62.50	18,918	72.50	22,650
42.75	11,479	52.75	15,218	62.75	19,013	72.75	22,741
43.00	11,571	53.00	15,312	63.00	19,107	73.00	22,833
43.25	11,663	53.25	15,407	63.25	19,202	73.25	22,924
43.50	11,755	53.50	15,502	63.50	19,296	73.50	23,015
43.75	11,847	53.75	15,597	63.75	19,391	73.75	23,106
44.00	11,939	54.00	15,691	64.00	19,485	74.00	23,197
44.25	12,032	54.25	15,786	64.25	19,579	74.25	23,287
44.50	12,124	54.50	15,881	64.50	19,674	74.50	23,378
44.75	12,216	54.75	15,976	64.75	19,768	74.75	23,468
45.00	12,309	55.00	16,071	65.00	19,862	75.00	23,558
45.25	12,402	55.25	16,166	65.25	19,956	75.25	23,648
45.50	12,495	55.50	16,261	65.50	20,050	75.50	23,738
45.75	12,587	55.75	16,356	65.75	20,144	75.75	23,828
46.00	12,680	56.00	16,451	66.00	20,238	76.00	23,918
46.25	12,773	56.25	16,546	66.25	20,332	76.25	24,007
46.50	12,867	56.50	16,641	66.50	20,425	76.50	24,097
46.75	12,960	56.75	16,736	66.75	20,519	76.75	24,186
47.00	13,053	57.00	16,831	67.00	20,613	77.00	24,275
47.25	13,147	57.25	16,926	67.25	20,706	77.25	24,364
47.50	13,240	57.50	17,021	67.50	20,800	77.50	24,452
47.75	13,334	57.75	17,116	67.75	20,893	77.75	24,541
48.00	13,427	58.00	17,211	68.00	20,987	78.00	24,629
48.25	13,521	58.25	17,306	68.25	21,080	78.25	24,718
48.50	13,615	58.50	17,401	68.50	21,173	78.50	24,806
48.75	13,708	58.75	17,496	68.75	21,266	78.75	24,894
49.00	13,802	59.00	17,591	69.00	21,359	79.00	24,981
49.25	13,896	59.25	17,686	69.25	21,452	79.25	25,069
49.50	13,990	59.50	17,781	69.50	21,545	79.50	25,156
49.75	14,084	59.75	17,875	69.75	21,637	79.75	25,243
50.00	14,179	60.00	17,970	70.00	21,730	80.00	25,330

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.

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9008
 Shell Full Capacity: 33,946 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/26/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 3

Dist.	Outage	Dist.	Outage	Dist.	Outage	Dist.	Outage
Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
80.25	25,417	90.25	28,707	100.25	31,508	110.25	33,518
80.50	25,504	90.50	28,784	100.50	31,570	110.50	33,553
80.75	25,590	90.75	28,860	100.75	31,631	110.75	33,588
81.00	25,676	91.00	28,937	101.00	31,692	111.00	33,621
81.25	25,762	91.25	29,013	101.25	31,752	111.25	33,653
81.50	25,848	91.50	29,088	101.50	31,812	111.50	33,683
81.75	25,934	91.75	29,164	101.75	31,871	111.75	33,713
82.00	26,019	92.00	29,239	102.00	31,930	112.00	33,742
82.25	26,105	92.25	29,313	102.25	31,988	112.25	33,769
82.50	26,190	92.50	29,388	102.50	32,045	112.50	33,795
82.75	26,274	92.75	29,462	102.75	32,102	112.75	33,819
83.00	26,359	93.00	29,535	103.00	32,159	113.00	33,842
83.25	26,443	93.25	29,609	103.25	32,215	113.25	33,864
83.50	26,527	93.50	29,682	103.50	32,270	113.50	33,883
83.75	26,611	93.75	29,754	103.75	32,325	113.75	33,901
84.00	26,695	94.00	29,827	104.00	32,380	114.00	33,917
84.25	26,779	94.25	29,899	104.25	32,433	114.25	33,930
84.50	26,862	94.50	29,970	104.50	32,486	114.50	33,940
84.75	26,945	94.75	30,042	104.75	32,539	114.75	33,946
85.00	27,028	95.00	30,112	105.00	32,591		
85.25	27,110	95.25	30,183	105.25	32,642		
85.50	27,193	95.50	30,253	105.50	32,693		
85.75	27,275	95.75	30,323	105.75	32,743		
86.00	27,356	96.00	30,392	106.00	32,792		
86.25	27,438	96.25	30,461	106.25	32,841		
86.50	27,519	96.50	30,530	106.50	32,889		
86.75	27,600	96.75	30,598	106.75	32,936		
87.00	27,681	97.00	30,666	107.00	32,983		
87.25	27,762	97.25	30,733	107.25	33,029		
87.50	27,842	97.50	30,800	107.50	33,074		
87.75	27,922	97.75	30,867	107.75	33,118		
88.00	28,002	98.00	30,933	108.00	33,162		
88.25	28,081	98.25	30,999	108.25	33,205		
88.50	28,160	98.50	31,064	108.50	33,247		
88.75	28,239	98.75	31,129	108.75	33,289		
89.00	28,318	99.00	31,193	109.00	33,329		
89.25	28,396	99.25	31,257	109.25	33,369		
89.50	28,474	99.50	31,321	109.50	33,407		
89.75	28,552	99.75	31,384	109.75	33,445		
90.00	28,630	100.00	31,446	110.00	33,482		

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.

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9009
 Shell Full Capacity: 34,060 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/24/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 1

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
0.25	5	10.25	1,464	20.25	3,989	30.25	7,108
0.50	16	10.50	1,518	20.50	4,061	30.50	7,192
0.75	29	10.75	1,572	20.75	4,133	30.75	7,275
1.00	45	11.00	1,626	21.00	4,206	31.00	7,359
1.25	63	11.25	1,681	21.25	4,279	31.25	7,444
1.50	82	11.50	1,737	21.50	4,352	31.50	7,528
1.75	104	11.75	1,793	21.75	4,425	31.75	7,613
2.00	127	12.00	1,850	22.00	4,499	32.00	7,697
2.25	152	12.25	1,907	22.25	4,574	32.25	7,783
2.50	178	12.50	1,965	22.50	4,648	32.50	7,868
2.75	205	12.75	2,023	22.75	4,723	32.75	7,953
3.00	234	13.00	2,082	23.00	4,799	33.00	8,039
3.25	263	13.25	2,141	23.25	4,874	33.25	8,125
3.50	294	13.50	2,201	23.50	4,950	33.50	8,211
3.75	326	13.75	2,262	23.75	5,026	33.75	8,297
4.00	359	14.00	2,323	24.00	5,103	34.00	8,384
4.25	394	14.25	2,384	24.25	5,180	34.25	8,471
4.50	429	14.50	2,446	24.50	5,257	34.50	8,558
4.75	465	14.75	2,508	24.75	5,334	34.75	8,645
5.00	502	15.00	2,571	25.00	5,412	35.00	8,732
5.25	540	15.25	2,634	25.25	5,490	35.25	8,819
5.50	579	15.50	2,698	25.50	5,568	35.50	8,907
5.75	619	15.75	2,762	25.75	5,647	35.75	8,995
6.00	659	16.00	2,827	26.00	5,726	36.00	9,083
6.25	701	16.25	2,892	26.25	5,805	36.25	9,171
6.50	743	16.50	2,957	26.50	5,885	36.50	9,259
6.75	786	16.75	3,023	26.75	5,964	36.75	9,348
7.00	830	17.00	3,090	27.00	6,044	37.00	9,437
7.25	875	17.25	3,156	27.25	6,125	37.25	9,525
7.50	920	17.50	3,224	27.50	6,205	37.50	9,615
7.75	966	17.75	3,291	27.75	6,286	37.75	9,704
8.00	1,013	18.00	3,359	28.00	6,367	38.00	9,793
8.25	1,061	18.25	3,428	28.25	6,448	38.25	9,883
8.50	1,109	18.50	3,497	28.50	6,530	38.50	9,972
8.75	1,158	18.75	3,566	28.75	6,612	38.75	10,062
9.00	1,207	19.00	3,635	29.00	6,694	39.00	10,152
9.25	1,257	19.25	3,705	29.25	6,776	39.25	10,242
9.50	1,308	19.50	3,776	29.50	6,859	39.50	10,332
9.75	1,360	19.75	3,846	29.75	6,942	39.75	10,423
10.00	1,412	20.00	3,918	30.00	7,025	40.00	10,513

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.

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9009
 Shell Full Capacity: 34,060 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/24/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 2

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
40.25	10,604	50.25	14,320	60.25	18,126	70.25	21,895
40.50	10,695	50.50	14,415	60.50	18,221	70.50	21,988
40.75	10,786	50.75	14,510	60.75	18,316	70.75	22,081
41.00	10,877	51.00	14,604	61.00	18,411	71.00	22,173
41.25	10,968	51.25	14,699	61.25	18,506	71.25	22,265
41.50	11,059	51.50	14,794	61.50	18,601	71.50	22,358
41.75	11,151	51.75	14,889	61.75	18,696	71.75	22,450
42.00	11,242	52.00	14,984	62.00	18,791	72.00	22,542
42.25	11,334	52.25	15,078	62.25	18,886	72.25	22,634
42.50	11,426	52.50	15,173	62.50	18,981	72.50	22,726
42.75	11,518	52.75	15,268	62.75	19,076	72.75	22,817
43.00	11,610	53.00	15,363	63.00	19,171	73.00	22,909
43.25	11,702	53.25	15,458	63.25	19,266	73.25	23,001
43.50	11,794	53.50	15,553	63.50	19,361	73.50	23,092
43.75	11,887	53.75	15,649	63.75	19,455	73.75	23,183
44.00	11,979	54.00	15,744	64.00	19,550	74.00	23,274
44.25	12,072	54.25	15,839	64.25	19,645	74.25	23,365
44.50	12,164	54.50	15,934	64.50	19,739	74.50	23,456
44.75	12,257	54.75	16,029	64.75	19,834	74.75	23,547
45.00	12,350	55.00	16,125	65.00	19,928	75.00	23,637
45.25	12,443	55.25	16,220	65.25	20,023	75.25	23,727
45.50	12,536	55.50	16,315	65.50	20,117	75.50	23,818
45.75	12,629	55.75	16,410	65.75	20,211	75.75	23,908
46.00	12,723	56.00	16,506	66.00	20,306	76.00	23,998
46.25	12,816	56.25	16,601	66.25	20,400	76.25	24,088
46.50	12,910	56.50	16,696	66.50	20,494	76.50	24,177
46.75	13,003	56.75	16,792	66.75	20,588	76.75	24,267
47.00	13,097	57.00	16,887	67.00	20,682	77.00	24,356
47.25	13,190	57.25	16,982	67.25	20,776	77.25	24,445
47.50	13,284	57.50	17,078	67.50	20,869	77.50	24,534
47.75	13,378	57.75	17,173	67.75	20,963	77.75	24,623
48.00	13,472	58.00	17,268	68.00	21,057	78.00	24,712
48.25	13,566	58.25	17,364	68.25	21,150	78.25	24,800
48.50	13,660	58.50	17,459	68.50	21,244	78.50	24,889
48.75	13,754	58.75	17,554	68.75	21,337	78.75	24,977
49.00	13,848	59.00	17,649	69.00	21,430	79.00	25,065
49.25	13,943	59.25	17,745	69.25	21,523	79.25	25,153
49.50	14,037	59.50	17,840	69.50	21,617	79.50	25,240
49.75	14,131	59.75	17,935	69.75	21,710	79.75	25,328
50.00	14,226	60.00	18,030	70.00	21,802	80.00	25,415

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.

TEXANA TANK CAR & MFG., LTD.

Gage Table Number: TJRX9009
 Shell Full Capacity: 34,060 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 1/24/05
 Printed on 1/24/05
 Printed by: R CALVIT
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 3

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
80.25	25,502	90.25	28,803	100.25	31,614	110.25	33,631
80.50	25,589	90.50	28,880	100.50	31,676	110.50	33,666
80.75	25,676	90.75	28,957	100.75	31,737	110.75	33,700
81.00	25,762	91.00	29,033	101.00	31,798	111.00	33,733
81.25	25,849	91.25	29,110	101.25	31,858	111.25	33,765
81.50	25,935	91.50	29,186	101.50	31,918	111.50	33,796
81.75	26,021	91.75	29,261	101.75	31,978	111.75	33,826
82.00	26,106	92.00	29,336	102.00	32,037	112.00	33,855
82.25	26,192	92.25	29,411	102.25	32,095	112.25	33,882
82.50	26,277	92.50	29,486	102.50	32,153	112.50	33,908
82.75	26,362	92.75	29,560	102.75	32,210	112.75	33,933
83.00	26,447	93.00	29,634	103.00	32,267	113.00	33,956
83.25	26,532	93.25	29,708	103.25	32,323	113.25	33,977
83.50	26,616	93.50	29,781	103.50	32,379	113.50	33,997
83.75	26,700	93.75	29,854	103.75	32,434	113.75	34,015
84.00	26,784	94.00	29,927	104.00	32,488	114.00	34,031
84.25	26,868	94.25	29,999	104.25	32,542	114.25	34,044
84.50	26,952	94.50	30,071	104.50	32,595	114.50	34,054
84.75	27,035	94.75	30,142	104.75	32,648	114.75	34,060
85.00	27,118	95.00	30,213	105.00	32,700		
85.25	27,201	95.25	30,284	105.25	32,752		
85.50	27,283	95.50	30,354	105.50	32,802		
85.75	27,366	95.75	30,424	105.75	32,853		
86.00	27,448	96.00	30,494	106.00	32,902		
86.25	27,530	96.25	30,563	106.25	32,951		
86.50	27,611	96.50	30,632	106.50	32,999		
86.75	27,693	96.75	30,700	106.75	33,047		
87.00	27,774	97.00	30,768	107.00	33,094		
87.25	27,855	97.25	30,836	107.25	33,140		
87.50	27,935	97.50	30,903	107.50	33,185		
87.75	28,015	97.75	30,970	107.75	33,230		
88.00	28,095	98.00	31,036	108.00	33,273		
88.25	28,175	98.25	31,102	108.25	33,317		
88.50	28,255	98.50	31,168	108.50	33,359		
88.75	28,334	98.75	31,233	108.75	33,400		
89.00	28,413	99.00	31,298	109.00	33,441		
89.25	28,491	99.25	31,362	109.25	33,481		
89.50	28,570	99.50	31,425	109.50	33,520		
89.75	28,648	99.75	31,489	109.75	33,558		
90.00	28,725	100.00	31,552	110.00	33,595		

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.

Gauge Table # 5130

MTCX 9010

GAUGE TABLE FOR SINGLE COMPARTMENT RAIL TANK CAR

114.75 INCH I.D. X 64 FT. 11 INCHES O.A.L.

SERIAL NO. NA- 363382

GROSS CAPACITY 33964

GAUGE TABLE

INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK
.5	33947	24.5	28721	48.5	20342	72.5	11303
1	33918	25	28566	49	20154	73	11120
1.5	33880	25.5	28410	49.5	19966	73.5	10938
2	33836	26	28253	50	19778	74	10756
2.5	33785	26.5	28095	50.5	19589	74.5	10575
3	33730	27	27936	51	19401	75	10394
3.5	33669	27.5	27775	51.5	19212	75.5	10214
4	33604	28	27614	52	19022	76	10034
4.5	33535	28.5	27452	52.5	18833	76.5	9855
5	33462	29	27288	53	18644	77	9677
5.5	33385	29.5	27124	53.5	18454	77.5	9499
6	33305	30	26958	54	18264	78	9322
6.5	33221	30.5	26792	54.5	18075	78.5	9146
7	33135	31	26625	55	17885	79	8970
7.5	33045	31.5	26456	55.5	17695	79.5	8795
8	32952	32	26287	56	17505	80	8621
8.5	32857	32.5	26118	56.5	17315	80.5	8448
9	32759	33	25947	57	17125	81	8275
9.5	32658	33.5	25775	57.5	16934	81.5	8103
10	32555	34	25603	58	16744	82	7932
10.5	32449	34.5	25430	58.5	16554	82.5	7761
11	32341	35	25256	59	16364	83	7592
11.5	32231	35.5	25081	59.5	16174	83.5	7423
12	32118	36	24906	60	15984	84	7256
12.5	32003	36.5	24730	60.5	15794	84.5	7089
13	31887	37	24553	61	15605	85	6923
13.5	31768	37.5	24376	61.5	15415	85.5	6758
14	31647	38	24198	62	15226	86	6594
14.5	31524	38.5	24019	62.5	15036	86.5	6431
15	31399	39	23840	63	14847	87	6269
15.5	31272	39.5	23660	63.5	14658	87.5	6108
16	31144	40	23480	64	14469	88	5948
16.5	31014	40.5	23299	64.5	14280	88.5	5790
17	30882	41	23117	65	14092	89	5632
17.5	30748	41.5	22935	65.5	13904	89.5	5476
18	30613	42	22753	66	13716	90	5320
18.5	30476	42.5	22570	66.5	13528	90.5	5166
19	30338	43	22386	67	13341	91	5013
19.5	30198	43.5	22203	67.5	13154	91.5	4861
20	30056	44	22018	68	12967	92	4711
20.5	29913	44.5	21833	68.5	12780	92.5	4562
21	29769	45	21648	69	12594	93	4414
21.5	29623	45.5	21463	69.5	12409	93.5	4268
22	29476	46	21277	70	12223	94	4123
22.5	29328	46.5	21090	70.5	12038	94.5	3979
23	29178	47	20904	71	11854	95	3837
23.5	29027	47.5	20717	71.5	11669	95.5	3696

Gauge Table # 5130

GAUGE TABLE FOR SINGLE COMPARTMENT RAIL TANK CARS

MTCX 9010

114.75 INCH I.D. X 64 FT. 11 INCHES O.A.L.

SERIAL NO. NA- 363382

GROSS CAPACITY 33964

Capacity 33,964

GAUGE TABLE

INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK	INCHES OUT	GALLONS IN TANK
96.5	3419	101	2257	105.5	1255	110	465
97	3283	101.5	2137	106	1156	110.5	394
97.5	3149	102	2019	106.5	1059	111	327
98	3016	102.5	1903	107	965	111.5	264
98.5	2885	103	1789	107.5	874	112	206
99	2756	103.5	1678	108	786	112.5	153
99.5	2628	104	1569	108.5	700	113	105
100	2502	104.5	1462	109	619	113.5	64
100.5	2379	105	1357	109.5	540	114	30
						114.5	6
						114.75	0

Texana Tank Car & Mfg., Ltd.

Gage Table Number: TJRX 9014
 Shell Full Capacity: 33,942 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 3/31/08
 Printed on 3/31/08
 Printed by: R. Calvit
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 1

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
0.25	33,936	10.25	32,483	20.25	29,967	30.25	26,859
0.50	33,926	10.50	32,429	20.50	29,895	30.50	26,775
0.75	33,913	10.75	32,376	20.75	29,823	30.75	26,692
1.00	33,897	11.00	32,321	21.00	29,751	31.00	26,608
1.25	33,879	11.25	32,267	21.25	29,678	31.25	26,524
1.50	33,860	11.50	32,211	21.50	29,605	31.50	26,440
1.75	33,838	11.75	32,155	21.75	29,532	31.75	26,356
2.00	33,815	12.00	32,099	22.00	29,458	32.00	26,271
2.25	33,791	12.25	32,042	22.25	29,384	32.25	26,186
2.50	33,765	12.50	31,984	22.50	29,310	32.50	26,101
2.75	33,738	12.75	31,926	22.75	29,235	32.75	26,016
3.00	33,709	13.00	31,867	23.00	29,160	33.00	25,931
3.25	33,679	13.25	31,808	23.25	29,085	33.25	25,845
3.50	33,649	13.50	31,748	23.50	29,009	33.50	25,759
3.75	33,617	13.75	31,688	23.75	28,933	33.75	25,673
4.00	33,584	14.00	31,627	24.00	28,857	34.00	25,587
4.25	33,549	14.25	31,566	24.25	28,780	34.25	25,501
4.50	33,514	14.50	31,505	24.50	28,703	34.50	25,414
4.75	33,478	14.75	31,442	24.75	28,626	34.75	25,327
5.00	33,441	15.00	31,380	25.00	28,549	35.00	25,240
5.25	33,404	15.25	31,317	25.25	28,471	35.25	25,153
5.50	33,365	15.50	31,253	25.50	28,393	35.50	25,066
5.75	33,325	15.75	31,189	25.75	28,315	35.75	24,978
6.00	33,285	16.00	31,125	26.00	28,236	36.00	24,891
6.25	33,243	16.25	31,060	26.25	28,157	36.25	24,803
6.50	33,201	16.50	30,995	26.50	28,078	36.50	24,715
6.75	33,158	16.75	30,929	26.75	27,998	36.75	24,627
7.00	33,115	17.00	30,863	27.00	27,919	37.00	24,538
7.25	33,070	17.25	30,796	27.25	27,839	37.25	24,450
7.50	33,025	17.50	30,730	27.50	27,758	37.50	24,361
7.75	32,979	17.75	30,662	27.75	27,678	37.75	24,272
8.00	32,932	18.00	30,594	28.00	27,597	38.00	24,183
8.25	32,885	18.25	30,526	28.25	27,516	38.25	24,094
8.50	32,837	18.50	30,458	28.50	27,435	38.50	24,004
8.75	32,788	18.75	30,389	28.75	27,353	38.75	23,915
9.00	32,739	19.00	30,319	29.00	27,271	39.00	23,825
9.25	32,689	19.25	30,249	29.25	27,189	39.25	23,736
9.50	32,638	19.50	30,179	29.50	27,107	39.50	23,646
9.75	32,587	19.75	30,109	29.75	27,024	39.75	23,556
10.00	32,535	20.00	30,038	30.00	26,942	40.00	23,465

This gage table shows OUTAGE volumes (volume of vapor space above the liquid surface).
 Distances are measured upward from the bottom of the tank to the surface of the liquid.

Texana Tank Car & Mfg., Ltd.

Gage Table Number: TJRX 9014
 Shell Full Capacity: 33,942 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 3/31/08
 Printed on 3/31/08
 Printed by: R. Calvit
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 2

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
40.25	23,375	50.25	19,671	60.25	15,879	70.25	12,123
40.50	23,284	50.50	19,577	60.50	15,784	70.50	12,030
40.75	23,194	50.75	19,483	60.75	15,690	70.75	11,938
41.00	23,103	51.00	19,388	61.00	15,595	71.00	11,846
41.25	23,012	51.25	19,294	61.25	15,500	71.25	11,754
41.50	22,921	51.50	19,200	61.50	15,405	71.50	11,662
41.75	22,830	51.75	19,105	61.75	15,310	71.75	11,570
42.00	22,739	52.00	19,010	62.00	15,216	72.00	11,478
42.25	22,647	52.25	18,916	62.25	15,121	72.25	11,386
42.50	22,556	52.50	18,821	62.50	15,026	72.50	11,295
42.75	22,464	52.75	18,727	62.75	14,932	72.75	11,204
43.00	22,373	53.00	18,632	63.00	14,837	73.00	11,112
43.25	22,281	53.25	18,537	63.25	14,743	73.25	11,021
43.50	22,189	53.50	18,442	63.50	14,648	73.50	10,930
43.75	22,097	53.75	18,348	63.75	14,554	73.75	10,839
44.00	22,004	54.00	18,253	64.00	14,460	74.00	10,749
44.25	21,912	54.25	18,158	64.25	14,365	74.25	10,658
44.50	21,820	54.50	18,063	64.50	14,271	74.50	10,567
44.75	21,727	54.75	17,968	64.75	14,177	74.75	10,477
45.00	21,635	55.00	17,873	65.00	14,083	75.00	10,387
45.25	21,542	55.25	17,778	65.25	13,989	75.25	10,297
45.50	21,449	55.50	17,684	65.50	13,895	75.50	10,207
45.75	21,356	55.75	17,589	65.75	13,801	75.75	10,117
46.00	21,263	56.00	17,494	66.00	13,707	76.00	10,027
46.25	21,170	56.25	17,399	66.25	13,613	76.25	9,938
46.50	21,077	56.50	17,304	66.50	13,519	76.50	9,849
46.75	20,984	56.75	17,209	66.75	13,426	76.75	9,759
47.00	20,891	57.00	17,114	67.00	13,332	77.00	9,670
47.25	20,797	57.25	17,019	67.25	13,238	77.25	9,581
47.50	20,704	57.50	16,924	67.50	13,145	77.50	9,493
47.75	20,610	57.75	16,829	67.75	13,052	77.75	9,404
48.00	20,517	58.00	16,734	68.00	12,958	78.00	9,316
48.25	20,423	58.25	16,639	68.25	12,865	78.25	9,228
48.50	20,329	58.50	16,544	68.50	12,772	78.50	9,140
48.75	20,236	58.75	16,449	68.75	12,679	78.75	9,052
49.00	20,142	59.00	16,354	69.00	12,586	79.00	8,964
49.25	20,048	59.25	16,259	69.25	12,493	79.25	8,876
49.50	19,954	59.50	16,164	69.50	12,400	79.50	8,789
49.75	19,860	59.75	16,069	69.75	12,308	79.75	8,702
50.00	19,765	60.00	15,974	70.00	12,215	80.00	8,615

This gage table shows OUTAGE volumes (volume of vapor space above the liquid surface).
 Distances are measured upward from the bottom of the tank to the surface of the liquid.

Texana Tank Car & Mfg., Ltd.

Gage Table Number: TJRX 9014
 Shell Full Capacity: 33,942 gal.
 Car Specification: DOT 112J340W
 Tank Style: Straight cylindrical tank
 Tank Head Diameter: 114.75 in.
 Tank Slope: 0 in/ft

Table Developed on: 3/31/08
 Printed on 3/31/08
 Printed by: R. Calvit
 Lining Thickness: 0 in.
 Volume of Internal Components: 0 gal.
 Manway Volume in Capacity: 0 gal.

Page 3

Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons	Dist. Inches	Outage Gallons
80.25	8,528	90.25	5,239	100.25	2,438	110.25	428
80.50	8,442	90.50	5,162	100.50	2,376	110.50	393
80.75	8,355	90.75	5,085	100.75	2,315	110.75	359
81.00	8,269	91.00	5,009	101.00	2,254	111.00	326
81.25	8,183	91.25	4,933	101.25	2,194	111.25	294
81.50	8,097	91.50	4,858	101.50	2,134	111.50	263
81.75	8,012	91.75	4,782	101.75	2,075	111.75	233
82.00	7,926	92.00	4,707	102.00	2,017	112.00	205
82.25	7,841	92.25	4,633	102.25	1,958	112.25	178
82.50	7,756	92.50	4,558	102.50	1,901	112.50	152
82.75	7,671	92.75	4,484	102.75	1,844	112.75	127
83.00	7,587	93.00	4,410	103.00	1,787	113.00	104
83.25	7,502	93.25	4,337	103.25	1,731	113.25	83
83.50	7,418	93.50	4,264	103.50	1,676	113.50	63
83.75	7,334	93.75	4,191	103.75	1,621	113.75	45
84.00	7,250	94.00	4,119	104.00	1,567	114.00	29
84.25	7,167	94.25	4,047	104.25	1,513	114.25	16
84.50	7,084	94.50	3,976	104.50	1,460	114.50	6
84.75	7,001	94.75	3,904	104.75	1,407	114.75	0
85.00	6,918	95.00	3,834	105.00	1,355		
85.25	6,835	95.25	3,763	105.25	1,304		
85.50	6,753	95.50	3,693	105.50	1,253		
85.75	6,671	95.75	3,623	105.75	1,203		
86.00	6,589	96.00	3,554	106.00	1,154		
86.25	6,508	96.25	3,485	106.25	1,105		
86.50	6,426	96.50	3,416	106.50	1,057		
86.75	6,345	96.75	3,348	106.75	1,010		
87.00	6,264	97.00	3,280	107.00	963		
87.25	6,184	97.25	3,213	107.25	917		
87.50	6,104	97.50	3,146	107.50	872		
87.75	6,024	97.75	3,079	107.75	828		
88.00	5,944	98.00	3,013	108.00	784		
88.25	5,864	98.25	2,948	108.25	741		
88.50	5,785	98.50	2,882	108.50	699		
88.75	5,706	98.75	2,817	108.75	658		
89.00	5,628	99.00	2,753	109.00	617		
89.25	5,549	99.25	2,689	109.25	578		
89.50	5,471	99.50	2,626	109.50	539		
89.75	5,394	99.75	2,562	109.75	501		
90.00	5,316	100.00	2,500	110.00	464		

This gage table shows OUTAGE volumes (volume of vapor space above the liquid surface).
 Distances are measured upward from the bottom of the tank to the surface of the liquid.