

Page 1 of 2

Tank Car Number:

Chas. MARTIN Inspectors
of Potomac, Inc.
INDEPENDENT LICENSED INSPECTION
MEMBERS OF A.S.T.M. AND A.P.I.
JOB NO. 2808-TS

OUTGAGE TABLE

TIMX 2533 / KMKX
305

SER. NO. 416792

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	23,557	0	22,282	0	19,783	0	16,734	0	13,417	0	10,038	0	6,757
1/4	23,552	1/4	22,239	1/4	19,723	1/4	16,667	1/4	13,348	1/4	9,967	1/4	6,692
1/2	23,546	1/2	22,195	1/2	19,662	1/2	16,601	1/2	13,278	1/2	9,897	1/2	6,626
3/4	23,541	3/4	22,152	3/4	19,602	3/4	16,535	3/4	13,208	3/4	9,826	3/4	6,561
1	23,535	1	22,107	1	19,542	1	16,469	1	13,138	1	9,755	1	6,496
1/4	23,529	1/4	22,060	1/4	19,482	1/4	16,402	1/4	13,069	1/4	9,684	1/4	6,431
1/2	23,524	1/2	22,012	1/2	19,422	1/2	16,336	1/2	12,999	1/2	9,613	1/2	6,366
3/4	23,518	3/4	21,965	3/4	19,361	3/4	16,270	3/4	12,929	3/4	9,542	3/4	6,301
2	23,505	2	21,918	2	19,301	2	16,204	2	12,860	2	9,471	2	6,236
1/4	23,491	1/4	21,870	1/4	19,241	1/4	16,136	1/4	12,790	1/4	9,400	1/4	6,170
1/2	23,477	1/2	21,823	1/2	19,181	1/2	16,066	1/2	12,720	1/2	9,329	1/2	6,105
3/4	23,463	3/4	21,776	3/4	19,120	3/4	15,996	3/4	12,651	3/4	9,258	3/4	6,040
3	23,449	3	21,729	3	19,058	3	15,927	3	12,581	3	9,187	3	5,975
1/4	23,436	1/4	21,681	1/4	18,995	1/4	15,857	1/4	12,511	1/4	9,116	1/4	5,910
1/2	23,422	1/2	21,634	1/2	18,933	1/2	15,787	1/2	12,441	1/2	9,045	1/2	5,845
3/4	23,400	3/4	21,584	3/4	18,871	3/4	15,718	3/4	12,372	3/4	8,974	3/4	5,780
4	23,378	4	21,535	4	18,809	4	15,648	4	12,302	4	8,904	4	5,714
1/4	23,356	1/4	21,485	1/4	18,747	1/4	15,578	1/4	12,232	1/4	8,836	1/4	5,649
1/2	23,334	1/2	21,435	1/2	18,685	1/2	15,508	1/2	12,163	1/2	8,767	1/2	5,584
3/4	23,308	3/4	21,386	3/4	18,623	3/4	15,439	3/4	12,093	3/4	8,699	3/4	5,519
5	23,280	5	21,336	5	18,561	5	15,369	5	12,023	5	8,630	5	5,454
1/4	23,252	1/4	21,286	1/4	18,499	1/4	15,299	1/4	11,953	1/4	8,562	1/4	5,389
1/2	23,224	1/2	21,237	1/2	18,437	1/2	15,230	1/2	11,883	1/2	8,493	1/2	5,324
3/4	23,196	3/4	21,187	3/4	18,375	3/4	15,160	3/4	11,812	3/4	8,425	3/4	5,259
6	23,167	6	21,137	6	18,313	6	15,090	6	11,741	6	8,356	6	5,193
1/4	23,139	1/4	21,082	1/4	18,250	1/4	15,021	1/4	11,670	1/4	8,288	1/4	5,128
1/2	23,107	1/2	21,027	1/2	18,188	1/2	14,951	1/2	11,599	1/2	8,219	1/2	5,063
3/4	23,075	3/4	20,972	3/4	18,124	3/4	14,881	3/4	11,528	3/4	8,151	3/4	4,998
7	23,042	7	20,917	7	18,058	7	14,811	7	11,457	7	8,082	7	4,937
1/4	23,009	1/4	20,861	1/4	17,992	1/4	14,742	1/4	11,386	1/4	8,014	1/4	4,879
1/2	22,976	1/2	20,806	1/2	17,926	1/2	14,672	1/2	11,316	1/2	7,945	1/2	4,821
3/4	22,943	3/4	20,751	3/4	17,859	3/4	14,602	3/4	11,245	3/4	7,879	3/4	4,764
8	22,909	8	20,696	8	17,793	8	14,533	8	11,174	8	7,813	8	4,706
1/4	22,874	1/4	20,641	1/4	17,727	1/4	14,463	1/4	11,103	1/4	7,747	1/4	4,649
1/2	22,838	1/2	20,585	1/2	17,661	1/2	14,393	1/2	11,032	1/2	7,681	1/2	4,591
3/4	22,803	3/4	20,530	3/4	17,594	3/4	14,323	3/4	10,961	3/4	7,614	3/4	4,534
9	22,768	9	20,475	9	17,528	9	14,254	9	10,890	9	7,548	9	4,476
1/4	22,733	1/4	20,420	1/4	17,462	1/4	14,184	1/4	10,819	1/4	7,482	1/4	4,418
1/2	22,698	1/2	20,365	1/2	17,396	1/2	14,114	1/2	10,748	1/2	7,416	1/2	4,361
3/4	22,662	3/4	20,310	3/4	17,330	3/4	14,045	3/4	10,677	3/4	7,349	3/4	4,303
10	22,627	10	20,254	10	17,263	10	13,975	10	10,606	10	7,283	10	4,246
1/4	22,584	1/4	20,199	1/4	17,197	1/4	13,905	1/4	10,535	1/4	7,217	1/4	4,188
1/2	22,541	1/2	20,144	1/2	17,131	1/2	13,836	1/2	10,464	1/2	7,151	1/2	4,130
3/4	22,498	3/4	20,084	3/4	17,065	3/4	13,766	3/4	10,393	3/4	7,085	3/4	4,073
11	22,455	11	20,024	11	16,998	11	13,696	11	10,322	11	7,018	11	4,015
1/4	22,411	1/4	19,963	1/4	16,932	1/4	13,626	1/4	10,251	1/4	6,952	1/4	3,958
1/2	22,368	1/2	19,903	1/2	16,866	1/2	13,557	1/2	10,180	1/2	6,887	1/2	3,900
3/4	22,325	3/4	19,843	3/4	16,800	3/4	13,487	3/4	10,109	3/4	6,822	3/4	3,842

CAPACITY IN: U. S. GALLONS TAPE CALIBRATED: 9/11/78
 2% OUTGAGE = 23,086 GALLONS (1'-6 11/16" FROM RIM OF HATCH)
 SHELL FULL = 23,557 GALLONS (9'-2 3/4" INNAGE OR
 1'-0" OUTGAGE)
 GAUGE HEIGHT: 10'-2 3/4" (FROM RIM OF HATCH)

J. L. Martin

FORM NO. 1-L-314(12)

Chas. MARTIN Inspectors
of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
MEMBERS OF A.S.P.M. AND A.P.I.

Page 2 of 2
Tank Car Number:

OUTAGE TABLE

TIMX 2533 / KMK
305

JOB NO. 2808-TS

SER. NO. 416792

8 FEET		9 FEET		10 FEET		FEET		FEET		FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	3,785	0	1,370	0	48	0		0		0		0	
1/4	3,727	1/4	1,330	1/4	39	1/4		1/4		1/4		1/4	
1/2	3,670	1/2	1,290	1/2	29	1/2		1/2		1/2		1/2	
3/4	3,612	3/4	1,250	3/4	23	3/4		3/4		3/4		3/4	
1	3,555	1	1,211	1	20	1		1		1		1	
1/4	3,497	1/4	1,171	1/4	18	1/4		1/4		1/4		1/4	
1/2	3,439	1/2	1,131	1/2	15	1/2		1/2		1/2		1/2	
3/4	3,382	3/4	1,091	3/4	12	3/4		3/4		3/4		3/4	
2	3,324	2	1,052	2	9	2		2		2		2	
1/4	3,267	1/4	1,012	1/4	6	1/4		1/4		1/4		1/4	
1/2	3,209	1/2	975	1/2	3	1/2		1/2		1/2		1/2	
3/4	3,151	3/4	940	3/4	0	3/4		3/4		3/4		3/4	
3	3,094	3	906	3	3	3		3		3		3	
1/4	3,036	1/4	871	1/4		1/4		1/4		1/4		1/4	
1/2	2,979	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	2,929	3/4	802	3/4		3/4		3/4		3/4		3/4	
4	2,879	4	767	4		4		4		4		4	
1/4	2,830	1/4	733	1/4		1/4		1/4		1/4		1/4	
1/2	2,780	1/2	698	1/2		1/2		1/2		1/2		1/2	
3/4	2,730	3/4	664	3/4		3/4		3/4		3/4		3/4	
5	2,681	5	629	5		5		5		5		5	
1/4	2,631	1/4	595	1/4		1/4		1/4		1/4		1/4	
1/2	2,581	1/2	564	1/2		1/2		1/2		1/2		1/2	
3/4	2,532	3/4	534	3/4		3/4		3/4		3/4		3/4	
6	2,482	6	503	6		6		6		6		6	
1/4	2,435	1/4	472	1/4		1/4		1/4		1/4		1/4	
1/2	2,387	1/2	442	1/2		1/2		1/2		1/2		1/2	
3/4	2,340	3/4	411	3/4		3/4		3/4		3/4		3/4	
7	2,293	7	385	7		7		7		7		7	
1/4	2,246	1/4	363	1/4		1/4		1/4		1/4		1/4	
1/2	2,198	1/2	341	1/2		1/2		1/2		1/2		1/2	
3/4	2,151	3/4	319	3/4		3/4		3/4		3/4		3/4	
8	2,104	8	297	8		8		8		8		8	
1/4	2,056	1/4	275	1/4		1/4		1/4		1/4		1/4	
1/2	2,009	1/2	253	1/2		1/2		1/2		1/2		1/2	
3/4	1,962	3/4	231	3/4		3/4		3/4		3/4		3/4	
9	1,914	9	208	9		9		9		9		9	
1/4	1,867	1/4	189	1/4		1/4		1/4		1/4		1/4	
1/2	1,820	1/2	173	1/2		1/2		1/2		1/2		1/2	
3/4	1,773	3/4	156	3/4		3/4		3/4		3/4		3/4	
10	1,725	10	139	10		10		10		10		10	
1/4	1,678	1/4	123	1/4		1/4		1/4		1/4		1/4	
1/2	1,631	1/2	106	1/2		1/2		1/2		1/2		1/2	
3/4	1,583	3/4	93	3/4		3/4		3/4		3/4		3/4	
11	1,536	11	84	11		11		11		11		11	
1/4	1,489	1/4	75	1/4		1/4		1/4		1/4		1/4	
1/2	1,449	1/2	66	1/2		1/2		1/2		1/2		1/2	
3/4	1,409	3/4	57	3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: U. S. GALLONS

TAPE CALIBRATED: 9/11/78

GAUGE HEIGHT: 10'-2 3/4" (FROM RIM OF HATCH)

J. L. Kinton

KM KX 310

FORM 1-61

Char MARTIN Inspectors
of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
MEMBERS OF ASTM AND API

Page 1 of 2
Tank Car Number:

OUTGAGE TABLE

(TMM 12632)

JOB NO. 2808-TS

SER. NO. 416802

1	FEET	2	FEET	3	FEET	4	FEET	5	FEET	6	FEET	7	FEET
IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	22,393	0	19,915	0	16,848	0	13,507	0	10,089	0	6,773
1/4	23,566	1/4	22,349	1/4	19,854	1/4	16,781	1/4	13,436	1/4	10,017	1/4	6,707
1/2	23,560	1/2	22,305	1/2	19,793	1/2	16,714	1/2	13,366	1/2	9,945	1/2	6,641
3/4	23,554	3/4	22,262	3/4	19,732	3/4	16,647	3/4	13,295	3/4	9,873	3/4	6,575
1	23,548	1	22,218	1	19,672	1	16,580	1	13,225	1	9,801	1	6,510
1/4	23,543	1/4	22,174	1/4	19,611	1/4	16,513	1/4	13,155	1/4	9,730	1/4	6,444
1/2	23,537	1/2	22,130	1/2	19,550	1/2	16,446	1/2	13,084	1/2	9,658	1/2	6,378
3/4	23,531	3/4	22,085	3/4	19,489	3/4	16,378	3/4	13,014	3/4	9,586	3/4	6,312
2	23,525	2	22,037	2	19,428	2	16,311	2	12,943	2	9,514	2	6,246
1/4	23,519	1/4	21,989	1/4	19,367	1/4	16,244	1/4	12,873	1/4	9,442	1/4	6,180
1/2	23,513	1/2	21,941	1/2	19,306	1/2	16,177	1/2	12,803	1/2	9,371	1/2	6,114
3/4	23,499	3/4	21,893	3/4	19,245	3/4	16,110	3/4	12,732	3/4	9,299	3/4	6,048
3	23,485	3	21,845	3	19,184	3	16,042	3	12,662	3	9,227	3	5,982
1/4	23,471	1/4	21,797	1/4	19,123	1/4	15,971	1/4	12,591	1/4	9,155	1/4	5,916
1/2	23,457	1/2	21,750	1/2	19,061	1/2	15,901	1/2	12,521	1/2	9,083	1/2	5,850
3/4	23,443	3/4	21,702	3/4	18,998	3/4	15,830	3/4	12,451	3/4	9,013	3/4	5,784
4	23,429	4	21,654	4	18,936	4	15,760	4	12,380	4	8,943	4	5,719
1/4	23,415	1/4	21,606	1/4	18,873	1/4	15,690	1/4	12,310	1/4	8,874	1/4	5,653
1/2	23,393	1/2	21,556	1/2	18,810	1/2	15,619	1/2	12,239	1/2	8,805	1/2	5,587
3/4	23,371	3/4	21,505	3/4	18,747	3/4	15,549	3/4	12,169	3/4	8,735	3/4	5,521
5	23,348	5	21,455	5	18,684	5	15,478	5	12,098	5	8,666	5	5,455
1/4	23,326	1/4	21,405	1/4	18,622	1/4	15,408	1/4	12,027	1/4	8,597	1/4	5,389
1/2	23,301	1/2	21,355	1/2	18,559	1/2	15,337	1/2	11,955	1/2	8,528	1/2	5,323
3/4	23,272	3/4	21,304	3/4	18,496	3/4	15,267	3/4	11,884	3/4	8,458	3/4	5,257
6	23,243	6	21,254	6	18,433	6	15,197	6	11,812	6	8,389	6	5,191
1/4	23,214	1/4	21,204	1/4	18,370	1/4	15,126	1/4	11,740	1/4	8,320	1/4	5,125
1/2	23,185	1/2	21,154	1/2	18,307	1/2	15,056	1/2	11,668	1/2	8,250	1/2	5,059
3/4	23,156	3/4	21,103	3/4	18,245	3/4	14,985	3/4	11,596	3/4	8,181	3/4	4,997
7	23,127	7	21,047	7	18,182	7	14,915	7	11,525	7	8,112	7	4,939
1/4	23,095	1/4	20,992	1/4	18,119	1/4	14,845	1/4	11,453	1/4	8,042	1/4	4,881
1/2	23,062	1/2	20,936	1/2	18,054	1/2	14,774	1/2	11,381	1/2	7,975	1/2	4,822
3/4	23,029	3/4	20,880	3/4	17,987	3/4	14,704	3/4	11,309	3/4	7,908	3/4	4,764
8	22,995	8	20,824	8	17,920	8	14,633	8	11,237	8	7,841	8	4,706
1/4	22,962	1/4	20,768	1/4	17,853	1/4	14,563	1/4	11,166	1/4	7,774	1/4	4,648
1/2	22,929	1/2	20,712	1/2	17,786	1/2	14,493	1/2	11,094	1/2	7,707	1/2	4,589
3/4	22,894	3/4	20,656	3/4	17,719	3/4	14,422	3/4	11,022	3/4	7,640	3/4	4,531
9	22,859	9	20,601	9	17,652	9	14,352	9	10,950	9	7,573	9	4,473
1/4	22,823	1/4	20,545	1/4	17,585	1/4	14,281	1/4	10,878	1/4	7,506	1/4	4,414
1/2	22,768	1/2	20,489	1/2	17,518	1/2	14,211	1/2	10,807	1/2	7,439	1/2	4,356
3/4	22,753	3/4	20,433	3/4	17,451	3/4	14,140	3/4	10,735	3/4	7,372	3/4	4,298
10	22,717	10	20,377	10	17,384	10	14,070	10	10,663	10	7,305	10	4,240
1/4	22,682	1/4	20,321	1/4	17,317	1/4	14,000	1/4	10,591	1/4	7,238	1/4	4,181
1/2	22,647	1/2	20,266	1/2	17,250	1/2	13,929	1/2	10,519	1/2	7,171	1/2	4,123
3/4	22,611	3/4	20,210	3/4	17,183	3/4	13,859	3/4	10,448	3/4	7,104	3/4	4,065
11	22,567	11	20,154	11	17,116	11	13,788	11	10,376	11	7,037	11	4,007
1/4	22,524	1/4	20,098	1/4	17,049	1/4	13,718	1/4	10,304	1/4	6,971	1/4	3,948
1/2	22,480	1/2	20,037	1/2	16,982	1/2	13,648	1/2	10,232	1/2	6,905	1/2	3,890
3/4	22,436	3/4	19,976	3/4	16,915	3/4	13,577	3/4	10,160	3/4	6,839	3/4	3,832

CAPACITY IN: U. S. GALLONS TAPE CALIBRATED: 9/18/78
2% OUTGAGE = 23,095 GALLONS (1'-7 1/4" FROM RIM OF HATCH)
SHELL FULL = 23,566 GALLONS (9'-2 1/4" INNAGE OR
1'-0 1/4" OUTGAGE)
GAUGE HEIGHT: 10'-2 1/2" (FROM RIM OF HATCH)

J. L. Linton

KMKX 310

FORM 1-67-127

Chas. MARTIN Inspectors
of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
MEMBERS OF A.P.M. AND A.P.I.

Page 2 of 2
Tank Car Number:

OUTAGE TABLE

~~TINX 12632~~

JOB NO. 2806-TS

SER. NO. 416802

8	FEET	9	FEET	10	FEET	FEET	FEET	FEET	FEET
IN.		IN.		IN.		IN.		IN.	
0	3,773	0	1,347	0	39	0		0	0
1/4	3,715	1/4	1,307	1/4	30	1/4		1/4	1/4
1/2	3,657	1/2	1,267	1/2	24	1/2		1/2	1/2
3/4	3,599	3/4	1,226	3/4	21	3/4		3/4	3/4
1	3,540	1	1,186	1	18	1		1	1
1/4	3,482	1/4	1,146	1/4	15	1/4		1/4	1/4
1/2	3,424	1/2	1,106	1/2	12	1/2		1/2	1/2
3/4	3,365	3/4	1,066	3/4	9	3/4		3/4	3/4
2	3,307	2	1,025	2	6	2		2	2
1/4	3,249	1/4	988	1/4	3	1/4		1/4	1/4
1/2	3,191	1/2	953	1/2	0	1/2		1/2	1/2
3/4	3,132	3/4	918	3/4		3/4		3/4	3/4
3	3,074	3	883	3		3		3	3
1/4	3,016	1/4	848	1/4		1/4		1/4	1/4
1/2	2,966	1/2	813	1/2		1/2		1/2	1/2
3/4	2,915	3/4	778	3/4		3/4		3/4	3/4
4	2,865	4	743	4		4		4	4
1/4	2,815	1/4	708	1/4		1/4		1/4	1/4
1/2	2,765	1/2	673	1/2		1/2		1/2	1/2
3/4	2,714	3/4	638	3/4		3/4		3/4	3/4
5	2,664	5	603	5		5		5	5
1/4	2,614	1/4	572	1/4		1/4		1/4	1/4
1/2	2,563	1/2	541	1/2		1/2		1/2	1/2
3/4	2,513	3/4	510	3/4		3/4		3/4	3/4
6	2,465	6	479	6		6		6	6
1/4	2,417	1/4	449	1/4		1/4		1/4	1/4
1/2	2,370	1/2	418	1/2		1/2		1/2	1/2
3/4	2,322	3/4	391	3/4		3/4		3/4	3/4
7	2,274	7	369	7		7		7	7
1/4	2,226	1/4	346	1/4		1/4		1/4	1/4
1/2	2,178	1/2	324	1/2		1/2		1/2	1/2
3/4	2,130	3/4	302	3/4		3/4		3/4	3/4
8	2,082	8	279	8		8		8	8
1/4	2,034	1/4	257	1/4		1/4		1/4	1/4
1/2	1,987	1/2	235	1/2		1/2		1/2	1/2
3/4	1,939	3/4	212	3/4		3/4		3/4	3/4
9	1,891	9	193	9		9		9	9
1/4	1,843	1/4	176	1/4		1/4		1/4	1/4
1/2	1,795	1/2	159	1/2		1/2		1/2	1/2
3/4	1,747	3/4	142	3/4		3/4		3/4	3/4
10	1,699	10	126	10		10		10	10
1/4	1,652	1/4	109	1/4		1/4		1/4	1/4
1/2	1,604	1/2	96	1/2		1/2		1/2	1/2
3/4	1,556	3/4	86	3/4		3/4		3/4	3/4
11	1,508	11	77	11		11		11	11
1/4	1,468	1/4	68	1/4		1/4		1/4	1/4
1/2	1,427	1/2	58	1/2		1/2		1/2	1/2
3/4	1,387	3/4	49	3/4		3/4		3/4	3/4

CAPACITY IN: U. S. GALLONS

TAPE CALIBRATED: 9/18/78

GAUGE HEIGHT: 10'-2 1/2" (FROM RIM OF HATCH)

J.R. Kanton