

SAYBOLT INC.
 400 Johnson Drive
 Kenilworth, NJ 07033
 (908)-245-3100

BARGE CBC 223
HULL #115

ULLAGE TRIM CORRECTIONS

DOWN	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN
TANK 1	+0 1/4"	-0 1/4"	+0 3/8"	-0 3/8"	+0 5/8"	-0 5/8"	+0 3/4"	-0 3/4"	+1 0/0"	-1 0/0"	+1 1/8"	-1 1/8"
2 PORT	+0 0/0"	-0 0/0"	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/4"	-0 1/4"	+0 1/4"	-0 1/4"	+0 1/4"	-0 1/4"
2 STBD	+0 0/0"	-0 0/0"	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/4"	-0 1/4"	+0 1/4"	-0 1/4"	+0 1/4"	-0 1/4"
TANK 3	-0 0/0"	+0 0/0"	-0 0/0"	+0 0/0"	-0 0/0"	+0 0/0"	-0 0/0"	+0 0/0"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/8"

LENGTH BETWEEN DRAFT MARKS 147.00'

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD DRAFT = 6'-0"
 AFT DRAFT = 9'-0"
 DIFF. = 3'-0" (DOWN BY STERN)

THE CORRECTION FOR 3'-0" TRIM DOWN BY STERN FOR TANK 1 IS -0 5/8".
 FOR A MEASURED ULLAGE GAUGE OF 4'-0" ON TANK 1, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8".

October 26, 1999
 SAYBOLT INC.

MMC GAUGE HEIGHT 15'-10"

COMPUTED IN U. S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	216,802	218,720	218,720	204,141	188,454	171,743	155,031	138,436	121,993	105,702	89,569	73,436	57,303	41,170	25,037	8,904	2,771	1,138
1/2	1/2	218,639	218,639	204,448	188,106	171,395	154,684	138,072	121,467	104,862	88,257	71,652	55,047	38,442	21,837	5,232	1,127	1,127	1,127
3/4	3/4	218,557	218,557	204,102	187,409	170,698	153,987	137,276	120,565	103,854	87,143	70,432	53,721	37,010	20,299	3,688	1,127	1,127	1,127
1	1	218,476	218,476	203,756	187,061	170,350	153,642	136,931	120,220	103,509	86,798	70,087	53,376	36,665	20,008	3,397	1,127	1,127	1,127
1/4	1/4	218,336	218,336	203,410	186,713	170,001	153,295	136,519	119,808	103,097	86,477	69,766	53,055	36,354	19,717	3,106	1,127	1,127	1,127
1/2	1/2	218,196	218,196	203,064	186,364	169,653	152,948	136,168	119,457	102,746	86,126	69,406	52,724	36,032	19,426	2,815	1,127	1,127	1,127
3/4	3/4	218,056	218,056	202,717	186,016	169,303	152,602	135,817	119,106	102,396	85,785	69,065	52,383	35,711	19,135	2,524	1,127	1,127	1,127
2	2	217,917	217,917	202,371	185,668	168,956	152,255	135,466	118,755	102,045	85,434	68,714	52,042	35,399	18,844	2,233	1,127	1,127	1,127
1/4	1/4	217,777	217,777	202,025	185,320	168,608	151,908	135,115	118,404	101,694	85,083	68,363	51,701	35,017	18,553	1,942	1,127	1,127	1,127
1/2	1/2	217,637	217,637	201,679	184,972	168,260	151,561	134,764	118,053	101,343	84,732	68,012	51,359	34,694	18,262	1,651	1,127	1,127	1,127
3/4	3/4	217,497	217,497	201,333	184,625	167,911	151,215	134,413	117,702	101,083	84,381	67,661	51,016	34,371	17,971	1,360	1,127	1,127	1,127
3	3	217,357	217,357	200,986	184,277	167,563	150,868	134,062	117,351	100,832	84,030	67,310	50,669	33,988	17,680	1,069	1,127	1,127	1,127
1/4	1/4	216,870	216,870	200,640	183,930	167,215	150,522	133,711	117,000	100,581	83,679	67,059	50,317	33,636	17,389	778	1,127	1,127	1,127
1/2	1/2	216,614	216,614	200,294	183,582	166,866	150,175	133,360	116,649	100,230	83,328	66,708	50,065	33,293	17,098	487	1,127	1,127	1,127
3/4	3/4	216,358	216,358	199,948	183,235	166,518	149,829	133,009	116,298	99,881	83,077	66,357	49,714	32,950	16,807	196	1,127	1,127	1,127
4	4	216,102	216,102	199,602	182,887	166,170	149,483	132,652	115,947	99,531	82,726	66,006	49,361	32,607	16,516	105	1,127	1,127	1,127
1/4	1/4	215,785	215,785	199,253	182,540	165,821	149,137	132,296	115,591	99,184	82,375	65,655	49,006	32,264	16,225	14	1,127	1,127	1,127
1/2	1/2	215,468	215,468	198,905	182,192	165,473	148,791	131,940	115,240	98,838	82,029	65,304	48,651	31,913	15,934	14	1,127	1,127	1,127
3/4	3/4	215,151	215,151	198,557	181,845	165,125	148,444	131,589	114,889	98,481	81,677	64,953	48,298	31,568	15,643	14	1,127	1,127	1,127
5	5	214,834	214,834	198,208	181,497	164,776	148,098	131,233	114,538	98,134	81,326	64,602	47,943	31,272	15,352	14	1,127	1,127	1,127
1/4	1/4	214,488	214,488	197,860	181,149	164,428	147,753	130,877	114,183	97,779	81,071	64,251	47,588	30,927	15,061	14	1,127	1,127	1,127
1/2	1/2	214,142	214,142	197,512	180,800	164,079	147,407	130,522	113,828	97,424	80,714	63,896	47,232	30,632	14,770	14	1,127	1,127	1,127
3/4	3/4	213,796	213,796	197,163	180,452	163,731	147,061	130,166	113,473	97,069	80,365	63,545	46,883	30,337	14,479	14	1,127	1,127	1,127
6	6	213,450	213,450	196,815	180,104	163,383	146,715	129,810	113,118	96,712	80,013	63,194	46,534	30,046	14,188	14	1,127	1,127	1,127
1/4	1/4	213,103	213,103	196,466	179,755	163,034	146,370	129,454	112,765	96,357	79,656	62,842	46,185	29,755	13,897	14	1,127	1,127	1,127
1/2	1/2	212,757	212,757	196,118	179,407	162,686	146,024	129,100	112,410	96,000	79,300	62,490	45,836	29,464	13,606	14	1,127	1,127	1,127
3/4	3/4	212,411	212,411	195,770	179,059	162,338	145,678	128,744	112,059	95,649	78,949	62,139	45,485	29,173	13,315	14	1,127	1,127	1,127
7	7	212,065	212,065	195,421	178,710	161,989	145,333	128,388	111,708	95,294	78,594	61,788	45,134	28,882	13,024	14	1,127	1,127	1,127
1/4	1/4	211,719	211,719	195,073	178,362	161,641	144,988	128,032	111,357	94,943	78,243	61,437	44,783	28,591	12,733	14	1,127	1,127	1,127
1/2	1/2	211,372	211,372	194,725	178,013	161,293	144,642	127,676	111,006	94,588	77,893	61,090	44,432	28,299	12,442	14	1,127	1,127	1,127
3/4	3/4	211,026	211,026	194,376	177,665	160,944	144,297	127,320	110,655	94,239	77,542	60,743	44,081	28,008	12,151	14	1,127	1,127	1,127
8	8	210,680	210,680	194,028	177,317	160,596	143,952	126,964	110,304	93,884	77,191	60,392	43,730	27,717	11,860	14	1,127	1,127	1,127
1/4	1/4	210,334	210,334	193,680	176,968	160,248	143,607	126,607	110,053	93,529	76,840	60,041	43,379	27,426	11,569	14	1,127	1,127	1,127
1/2	1/2	209,988	209,988	193,331	176,620	159,900	143,261	126,251	109,702	93,174	76,489	59,690	43,028	27,135	11,278	14	1,127	1,127	1,127
3/4	3/4	209,641	209,641	192,983	176,272	159,551	142,916	125,896	109,351	92,819	76,138	59,341	42,677	26,844	10,987	14	1,127	1,127	1,127
9	9	209,295	209,295	192,635	175,923	159,203	142,571	125,547	109,000	92,464	75,787	59,055	42,326	26,553	10,696	14	1,127	1,127	1,127
1/4	1/4	208,949	208,949	192,288	175,575	158,855	142,226	125,192	108,649	92,113	75,436	58,708	41,975	26,262	10,405	14	1,127	1,127	1,127
1/2	1/2	208,603	208,603	191,938	175,227	158,507	141,882	124,839	108,298	91,766	75,085	58,357	41,624	25,971	10,114	14	1,127	1,127	1,127
3/4	3/4	208,257	208,257	191,590	174,878	158,159	141,537	124,490	107,949	91,415	74,734	58,006	41,273	25,680	9,823	14	1,127	1,127	1,127
10	10	207,910	207,910	191,241	174,530	157,811	141,192	124,141	107,600	91,062	74,383	57,655	40,922	25,389	9,532	14	1,127	1,127	1,127
1/4	1/4	207,564	207,564	190,893	174,182	157,464	140,847	123,792	107,251	90,714	74,032	57,304	40,571	25,098	9,241	14	1,127	1,127	1,127
1/2	1/2	207,218	207,218	190,544	173,833	157,116	140,500	123,443	106,900	90,365	73,683	56,955	40,220	24,807	8,950	14	1,127	1,127	1,127
3/4	3/4	206,872	206,872	190,196	173,485	156,768	140,158	123,094	106,549	89,918	73,334	56,604	39,869	24,516	8,659	14	1,127	1,127	1,127
11	11	206,526	206,526	189,848	173,137	156,421	139,814	122,745	106,199	89,570	72,985	56,253	39,518	24,225	8,368	14	1,127	1,127	1,127
1/4	1/4	206,179	206,179	189,499	172,788	156,073	139,467	122,396	105,849	89,221	72,636	55,902	39,167	23,934	8,077	14	1,127	1,127	1,127
1/2	1/2	205,833	205,833	189,151	172,440	155,726	139,125	122,047	105,498	88,872	72,287	55,551	38,816	23,643	7,786	14	1,127	1,127	1,127
3/4	3/4	205,487	205,487	188,803	172,092	155,378	138,781	121,698	105,149	88,523	71,938	55,200	38,465	23,352	7,495	14	1,127	1,127	1,127

GAUGE LOCATED 26'-3" FROM AFT BULKHEAD AND
3'-11" FROM CENTERLINE BULKHEAD.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 10/26/99
STRAPPED BY: CL & DH 10/13/99

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

SAYBOLT INC.

MMC GAUGE HEIGHT 15'-10"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	89,564	0	73,579	0	57,746	0	42,080	0	26,576	0	11,202
1/4	89,229	1/4	73,247	1/4	57,418	1/4	41,756	1/4	26,255	1/4	10,884
1/2	88,895	1/2	72,916	1/2	57,090	1/2	41,433	1/2	25,933	1/2	10,565
3/4	88,560	3/4	72,585	3/4	56,762	3/4	41,109	3/4	25,611	3/4	10,247
1	88,226	1	72,253	1	56,434	1	40,785	1	25,289	1	9,928
1/4	87,892	1/4	71,922	1/4	56,106	1/4	40,462	1/4	24,968	1/4	9,610
1/2	87,557	1/2	71,591	1/2	55,778	1/2	40,138	1/2	24,646	1/2	9,292
3/4	87,223	3/4	71,260	3/4	55,450	3/4	39,814	3/4	24,325	3/4	8,973
2	86,889	2	70,929	2	55,122	2	39,491	2	24,003	2	8,655
1/4	86,555	1/4	70,598	1/4	54,795	1/4	39,168	1/4	23,682	1/4	8,337
1/2	86,221	1/2	70,268	1/2	54,467	1/2	38,844	1/2	23,361	1/2	8,019
3/4	85,887	3/4	69,937	3/4	54,140	3/4	38,521	3/4	23,040	3/4	7,701
3	85,553	3	69,606	3	53,812	3	38,198	3	22,718	3	7,383
1/4	85,219	1/4	69,276	1/4	53,485	1/4	37,875	1/4	22,398	1/4	7,065
1/2	84,886	1/2	68,945	1/2	53,157	1/2	37,552	1/2	22,077	1/2	6,747
3/4	84,552	3/4	68,615	3/4	52,830	3/4	37,229	3/4	21,756	3/4	6,430
4	84,218	4	68,284	4	52,503	4	36,906	4	21,435	4	6,112
1/4	83,885	1/4	67,954	1/4	52,176	1/4	36,583	1/4	21,114	1/4	5,794
1/2	83,552	1/2	67,624	1/2	51,849	1/2	36,260	1/2	20,793	1/2	5,477
3/4	83,218	3/4	67,293	3/4	51,521	3/4	35,938	3/4	20,473	3/4	5,159
5	82,885	5	66,963	5	51,194	5	35,615	5	20,152	5	4,842
1/4	82,552	1/4	66,633	1/4	50,868	1/4	35,291	1/4	19,832	1/4	4,524
1/2	82,218	1/2	66,303	1/2	50,541	1/2	34,968	1/2	19,511	1/2	4,207
3/4	81,885	3/4	65,973	3/4	50,214	3/4	34,644	3/4	19,191	3/4	3,890
6	81,552	6	65,643	6	49,887	6	34,321	6	18,870	6	3,573
1/4	81,219	1/4	65,314	1/4	49,561	1/4	33,997	1/4	18,550	1/4	3,261
1/2	80,886	1/2	64,984	1/2	49,234	1/2	33,674	1/2	18,230	1/2	2,949
3/4	80,553	3/4	64,654	3/4	48,908	3/4	33,351	3/4	17,910	3/4	2,637
7	80,220	7	64,324	7	48,581	7	33,027	7	17,590	7	2,325
1/4	79,888	1/4	63,995	1/4	48,255	1/4	32,704	1/4	17,270	1/4	2,012
1/2	79,555	1/2	63,666	1/2	47,929	1/2	32,381	1/2	16,950	1/2	1,700
3/4	79,223	3/4	63,336	3/4	47,602	3/4	32,058	3/4	16,630	3/4	1,388
8	78,890	8	63,007	8	47,276	8	31,735	8	16,310	8	1,076
1/4	78,558	1/4	62,677	1/4	46,950	1/4	31,412	1/4	15,990	1/4	764
1/2	78,225	1/2	62,348	1/2	46,624	1/2	31,089	1/2	15,671	1/2	452
3/4	77,893	3/4	62,019	3/4	46,298	3/4	30,766	3/4	15,351	3/4	140
9	77,561	9	61,690	9	45,972	9	30,444	9	15,032	9	28
1/4	77,228	1/4	61,361	1/4	45,648	1/4	30,121	1/4	14,712	1/4	168
1/2	76,896	1/2	61,032	1/2	45,323	1/2	29,799	1/2	14,393	1/2	356
3/4	76,564	3/4	60,703	3/4	44,998	3/4	29,476	3/4	14,073	3/4	544
10	76,232	10	60,374	10	44,674	10	29,153	10	13,754	10	732
1/4	75,900	1/4	60,046	1/4	44,349	1/4	28,831	1/4	13,435	1/4	920
1/2	75,568	1/2	59,717	1/2	44,025	1/2	28,509	1/2	13,116	1/2	1108
3/4	75,237	3/4	59,388	3/4	43,701	3/4	28,187	3/4	12,797	3/4	1296
11	74,905	11	59,060	11	43,377	11	27,864	11	12,478	11	1484
1/4	74,573	1/4	58,731	1/4	43,052	1/4	27,542	1/4	12,159	1/4	1672
1/2	74,242	1/2	58,403	1/2	42,728	1/2	27,220	1/2	11,840	1/2	1860
3/4	73,910	3/4	58,075	3/4	42,404	3/4	26,898	3/4	11,521	3/4	2048

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: JW 10/26/99
 STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.


GAUGE LOCATED 26'-3" FROM AFT BULKHEAD AND
 3'-11" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

MMC GAUGE HEIGHT 15'-6 1/4"

COMPUTED IN U. S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	112,246	0	104,247	0	95,890	0	87,528	0	79,159	0	70,789	0	62,418	0	54,046	0	54,046
1/4	1/4	1/4	112,142	1/4	104,075	1/4	95,716	1/4	87,353	1/4	78,985	1/4	70,615	1/4	62,243	1/4	53,871	1/4	53,871
1/2	1/2	1/2	112,009	1/2	103,902	1/2	95,543	1/2	87,179	1/2	78,811	1/2	70,440	1/2	62,069	1/2	53,697	1/2	53,697
3/4	3/4	3/4	111,875	3/4	103,729	3/4	95,369	3/4	87,004	3/4	78,636	3/4	70,266	3/4	61,894	3/4	53,523	3/4	53,523
1	1	1	111,742	1	103,556	1	95,196	1	86,830	1	78,462	1	70,092	1	61,720	1	53,348	1	53,348
1/4	1/4	1/4	111,608	1/4	103,383	1/4	95,022	1/4	86,656	1/4	78,287	1/4	69,917	1/4	61,545	1/4	53,174	1/4	53,174
1/2	1/2	1/2	111,447	1/2	103,209	1/2	94,848	1/2	86,481	1/2	78,113	1/2	69,743	1/2	61,371	1/2	52,999	1/2	52,999
3/4	3/4	3/4	111,285	3/4	103,035	3/4	94,674	3/4	86,307	3/4	77,939	3/4	69,568	3/4	61,197	3/4	52,825	3/4	52,825
2	2	2	111,124	2	102,860	2	94,501	2	86,133	2	77,764	2	69,394	2	61,022	2	52,651	2	52,651
1/4	1/4	1/4	110,963	1/4	102,686	1/4	94,327	1/4	85,958	1/4	77,590	1/4	69,220	1/4	60,848	1/4	52,476	1/4	52,476
1/2	1/2	1/2	110,790	1/2	102,512	1/2	94,152	1/2	85,784	1/2	77,416	1/2	69,045	1/2	60,673	1/2	52,302	1/2	52,302
3/4	3/4	3/4	110,618	3/4	102,337	3/4	93,978	3/4	85,610	3/4	77,241	3/4	68,871	3/4	60,499	3/4	52,127	3/4	52,127
3	3	3	110,446	3	102,163	3	93,804	3	85,435	3	77,067	3	68,696	3	60,325	3	51,953	3	51,953
1/4	1/4	1/4	110,274	1/4	101,989	1/4	93,629	1/4	85,261	1/4	76,893	1/4	68,522	1/4	60,150	1/4	51,779	1/4	51,779
1/2	1/2	1/2	110,102	1/2	101,814	1/2	93,455	1/2	85,087	1/2	76,718	1/2	68,347	1/2	59,976	1/2	51,604	1/2	51,604
3/4	3/4	3/4	109,929	3/4	101,640	3/4	93,281	3/4	84,912	3/4	76,544	3/4	68,173	3/4	59,801	3/4	51,430	3/4	51,430
4	4	4	109,757	4	101,466	4	93,106	4	84,738	4	76,370	4	67,999	4	59,627	4	51,255	4	51,255
1/4	1/4	1/4	109,585	1/4	101,291	1/4	92,932	1/4	84,564	1/4	76,195	1/4	67,824	1/4	59,453	1/4	51,081	1/4	51,081
1/2	1/2	1/2	109,413	1/2	101,117	1/2	92,758	1/2	84,389	1/2	76,021	1/2	67,650	1/2	59,278	1/2	50,906	1/2	50,906
3/4	3/4	3/4	109,241	3/4	100,943	3/4	92,583	3/4	84,215	3/4	75,847	3/4	67,475	3/4	59,104	3/4	50,732	3/4	50,732
5	5	5	109,068	5	100,768	5	92,409	5	84,041	5	75,673	5	67,301	5	58,929	5	50,558	5	50,558
1/4	1/4	1/4	108,896	1/4	100,594	1/4	92,235	1/4	83,866	1/4	75,498	1/4	67,127	1/4	58,755	1/4	50,383	1/4	50,383
1/2	1/2	1/2	108,724	1/2	100,420	1/2	92,060	1/2	83,692	1/2	75,324	1/2	66,952	1/2	58,581	1/2	50,209	1/2	50,209
3/4	3/4	3/4	108,552	3/4	100,245	3/4	91,886	3/4	83,518	3/4	75,149	3/4	66,778	3/4	58,406	3/4	50,034	3/4	50,034
6	6	6	108,380	6	100,071	6	91,712	6	83,343	6	74,975	6	66,603	6	58,232	6	49,860	6	49,860
1/4	1/4	1/4	108,207	1/4	99,897	1/4	91,537	1/4	83,169	1/4	74,801	1/4	66,429	1/4	58,057	1/4	49,686	1/4	49,686
1/2	1/2	1/2	108,035	1/2	99,722	1/2	91,363	1/2	82,995	1/2	74,626	1/2	66,255	1/2	57,883	1/2	49,511	1/2	49,511
3/4	3/4	3/4	107,863	3/4	99,548	3/4	91,189	3/4	82,820	3/4	74,452	3/4	66,080	3/4	57,708	3/4	49,337	3/4	49,337
7	7	7	107,691	7	99,374	7	91,014	7	82,646	7	74,277	7	65,906	7	57,534	7	49,162	7	49,162
1/4	1/4	1/4	107,519	1/4	99,199	1/4	90,840	1/4	82,472	1/4	74,103	1/4	65,731	1/4	57,360	1/4	48,988	1/4	48,988
1/2	1/2	1/2	107,346	1/2	99,025	1/2	90,666	1/2	82,297	1/2	73,929	1/2	65,557	1/2	57,185	1/2	48,814	1/2	48,814
3/4	3/4	3/4	107,174	3/4	98,851	3/4	90,491	3/4	82,123	3/4	73,754	3/4	65,383	3/4	57,011	3/4	48,639	3/4	48,639
8	8	8	107,002	8	98,676	8	90,317	8	81,949	8	73,580	8	65,208	8	56,836	8	48,465	8	48,465
1/4	1/4	1/4	106,830	1/4	98,502	1/4	90,143	1/4	81,774	1/4	73,405	1/4	65,034	1/4	56,662	1/4	48,290	1/4	48,290
1/2	1/2	1/2	106,658	1/2	98,328	1/2	89,968	1/2	81,600	1/2	73,231	1/2	64,859	1/2	56,488	1/2	48,116	1/2	48,116
3/4	3/4	3/4	106,485	3/4	98,153	3/4	89,794	3/4	81,426	3/4	73,057	3/4	64,685	3/4	56,313	3/4	47,942	3/4	47,942
9	9	9	106,313	9	97,979	9	89,620	9	81,251	9	72,882	9	64,510	9	56,139	9	47,767	9	47,767
1/4	1/4	1/4	106,141	1/4	97,804	1/4	89,445	1/4	81,077	1/4	72,708	1/4	64,336	1/4	55,964	1/4	47,593	1/4	47,593
1/2	1/2	1/2	105,969	1/2	97,630	1/2	89,271	1/2	80,903	1/2	72,533	1/2	64,162	1/2	55,790	1/2	47,418	1/2	47,418
3/4	3/4	3/4	105,797	3/4	97,456	3/4	89,097	3/4	80,728	3/4	72,359	3/4	63,987	3/4	55,616	3/4	47,244	3/4	47,244
10	10	10	105,624	10	97,282	10	88,922	10	80,554	10	72,185	10	63,813	10	55,441	10	47,069	10	47,069
1/4	1/4	1/4	105,452	1/4	97,107	1/4	88,748	1/4	80,380	1/4	72,010	1/4	63,638	1/4	55,267	1/4	46,895	1/4	46,895
1/2	1/2	1/2	105,280	1/2	96,933	1/2	88,574	1/2	80,205	1/2	71,836	1/2	63,464	1/2	55,092	1/2	46,721	1/2	46,721
3/4	3/4	3/4	105,108	3/4	96,759	3/4	88,399	3/4	80,031	3/4	71,661	3/4	63,290	3/4	54,918	3/4	46,546	3/4	46,546
11	11	11	104,936	11	96,585	11	88,225	11	79,857	11	71,487	11	63,115	11	54,744	11	46,372	11	46,372
1/4	1/4	1/4	104,763	1/4	96,411	1/4	88,051	1/4	79,682	1/4	71,312	1/4	62,941	1/4	54,569	1/4	46,197	1/4	46,197
1/2	1/2	1/2	104,591	1/2	96,237	1/2	87,876	1/2	79,508	1/2	71,138	1/2	62,766	1/2	54,395	1/2	46,023	1/2	46,023
3/4	3/4	3/4	104,419	3/4	96,064	3/4	87,702	3/4	79,334	3/4	70,964	3/4	62,592	3/4	54,220	3/4	45,849	3/4	45,849

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 10/26/99
STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.

GAUGE LOCATED 24'-5" FROM AFT BULKHEAD AND 6'-7" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

MMC GAUGE HEIGHT 15'-6 1/4"

COMPUTED IN U. S. GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.
0	45,674	37,302	28,931	20,741	12,438	4,066
1/4	45,500	37,128	28,756	20,574	12,263	3,892
1/2	45,325	36,954	28,582	20,406	12,089	3,717
3/4	45,151	36,779	28,408	20,239	11,915	3,543
1	44,977	36,605	28,233	20,072	11,740	3,369
1/4	44,802	36,430	28,059	19,904	11,566	3,194
1/2	44,628	36,256	27,884	19,736	11,391	3,020
3/4	44,453	36,082	27,710	19,567	11,217	2,845
2	44,279	35,907	27,536	19,398	11,043	2,671
1/4	44,104	35,733	27,361	19,230	10,868	2,496
1/2	43,930	35,558	27,187	19,057	10,694	2,323
3/4	43,756	35,384	27,012	18,884	10,519	2,149
3	43,581	35,210	26,838	18,711	10,345	1,975
1/4	43,407	35,035	26,663	18,538	10,171	1,802
1/2	43,232	34,861	26,489	18,364	9,996	1,638
3/4	43,058	34,686	26,315	18,191	9,822	1,474
4	42,884	34,512	26,141	18,018	9,647	1,311
1/4	42,709	34,338	25,967	17,845	9,473	1,147
1/2	42,535	34,163	25,794	17,670	9,298	1,018
3/4	42,360	33,989	25,621	17,496	9,124	888
5	42,186	33,814	25,448	17,321	8,950	759
1/4	42,012	33,640	25,275	17,147	8,775	629
1/2	41,837	33,465	25,104	16,973	8,601	539
3/4	41,663	33,291	24,932	16,798	8,426	450
6	41,488	33,117	24,761	16,624	8,252	360
1/4	41,314	32,942	24,589	16,449	8,078	270
1/2	41,140	32,768	24,422	16,275	7,903	
3/4	40,965	32,593	24,255	16,100	7,729	
7	40,791	32,419	24,087	15,926	7,554	
1/4	40,616	32,245	23,920	15,752	7,380	
1/2	40,442	32,070	23,753	15,577	7,206	
3/4	40,267	31,896	23,585	15,403	7,031	
8	40,093	31,721	23,418	15,228	6,857	
1/4	39,919	31,547	23,251	15,054	6,682	
1/2	39,744	31,373	23,083	14,880	6,508	
3/4	39,570	31,198	22,916	14,705	6,334	
9	39,395	31,024	22,749	14,531	6,159	
1/4	39,221	30,849	22,581	14,356	5,985	
1/2	39,047	30,675	22,414	14,182	5,810	
3/4	38,872	30,501	22,247	14,008	5,636	
10	38,698	30,326	22,080	13,833	5,461	
1/4	38,523	30,152	21,912	13,659	5,287	
1/2	38,349	29,977	21,745	13,484	5,113	
3/4	38,175	29,803	21,578	13,310	4,938	
11	38,000	29,628	21,410	13,135	4,764	
1/4	37,826	29,454	21,243	12,961	4,589	
1/2	37,651	29,280	21,076	12,787	4,415	
3/4	37,477	29,105	20,908	12,612	4,241	

GAUGE LOCATED 24"-5" FROM AFT BULKHEAD AND 6'-7" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 10/26/99
STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.


MMC GAUGE HEIGHT 15'-6 3/8"

COMPUTED IN U. S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE LOCATED 24'-5" FROM AFT BULKHEAD AND 16'-4" FROM CENTERLINE BULKHEAD.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW
10/26/99
STRAPPED BY: CL & DH
10/13/99

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

SAYBOLT INC.

MMC GAUGE HEIGHT 15'-6 3/8"

COMPUTED IN U. S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	47,722	0	39,334	0	30,947	0	22,575	0	14,209	0	5,821
1/4	47,547	1/4	39,160	1/4	30,772	1/4	22,402	1/4	14,034	1/4	5,646
1/2	47,372	1/2	38,985	1/2	30,597	1/2	22,228	1/2	13,859	1/2	5,472
3/4	47,198	3/4	38,810	3/4	30,423	3/4	22,055	3/4	13,685	3/4	5,297
1	47,023	1	38,635	1	30,248	1	21,881	1	13,510	1	5,122
1/4	46,848	1/4	38,461	1/4	30,073	1/4	21,707	1/4	13,335	1/4	4,948
1/2	46,673	1/2	38,286	1/2	29,898	1/2	21,534	1/2	13,160	1/2	4,773
3/4	46,499	3/4	38,111	3/4	29,724	3/4	21,360	3/4	12,986	3/4	4,598
2	46,324	2	37,936	2	29,549	2	21,187	2	12,811	2	4,423
1/4	46,149	1/4	37,762	1/4	29,374	1/4	21,013	1/4	12,636	1/4	4,249
1/2	45,975	1/2	37,587	1/2	29,199	1/2	20,839	1/2	12,461	1/2	4,074
3/4	45,800	3/4	37,412	3/4	29,025	3/4	20,666	3/4	12,287	3/4	3,899
3	45,625	3	37,238	3	28,850	3	20,492	3	12,112	3	3,724
1/4	45,450	1/4	37,063	1/4	28,675	1/4	20,319	1/4	11,937	1/4	3,550
1/2	45,276	1/2	36,888	1/2	28,501	1/2	20,145	1/2	11,762	1/2	3,375
3/4	45,101	3/4	36,713	3/4	28,326	3/4	19,971	3/4	11,588	3/4	3,200
4	44,926	4	36,539	4	28,151	4	19,798	4	11,413	4	3,025
1/4	44,751	1/4	36,364	1/4	27,976	1/4	19,624	1/4	11,238	1/4	2,851
1/2	44,577	1/2	36,189	1/2	27,802	1/2	19,450	1/2	11,063	1/2	2,676
3/4	44,402	3/4	36,014	3/4	27,627	3/4	19,276	3/4	10,889	3/4	2,501
5	44,227	5	35,840	5	27,452	5	19,101	5	10,714	5	2,326
1/4	44,052	1/4	35,665	1/4	27,277	1/4	18,927	1/4	10,539	1/4	2,152
1/2	43,878	1/2	35,490	1/2	27,103	1/2	18,752	1/2	10,364	1/2	1,978
3/4	43,703	3/4	35,315	3/4	26,928	3/4	18,577	3/4	10,190	3/4	1,806
6	43,528	6	35,141	6	26,753	6	18,403	6	10,015	6	1,634
1/4	43,353	1/4	34,966	1/4	26,578	1/4	18,228	1/4	9,840	1/4	1,461
1/2	43,179	1/2	34,791	1/2	26,404	1/2	18,053	1/2	9,666	1/2	1,287
3/4	43,004	3/4	34,616	3/4	26,229	3/4	17,878	3/4	9,491	3/4	1,113
7	42,829	7	34,442	7	26,054	7	17,704	7	9,316	7	939
1/4	42,654	1/4	34,267	1/4	25,879	1/4	17,529	1/4	9,141	1/4	765
1/2	42,480	1/2	34,092	1/2	25,705	1/2	17,354	1/2	8,967	1/2	591
3/4	42,305	3/4	33,917	3/4	25,530	3/4	17,179	3/4	8,792	3/4	417
8	42,130	8	33,743	8	25,355	8	17,005	8	8,617	8	243
1/4	41,955	1/4	33,568	1/4	25,180	1/4	16,830	1/4	8,442	1/4	69
1/2	41,781	1/2	33,393	1/2	25,006	1/2	16,655	1/2	8,268	1/2	-115
3/4	41,606	3/4	33,218	3/4	24,832	3/4	16,480	3/4	8,093	3/4	-290
9	41,431	9	33,044	9	24,657	9	16,306	9	7,918	9	-465
1/4	41,257	1/4	32,869	1/4	24,485	1/4	16,131	1/4	7,743	1/4	-640
1/2	41,082	1/2	32,694	1/2	24,311	1/2	15,956	1/2	7,569	1/2	-815
3/4	40,907	3/4	32,520	3/4	24,138	3/4	15,781	3/4	7,394	3/4	-990
10	40,732	10	32,345	10	23,964	10	15,607	10	7,219	10	-1165
1/4	40,558	1/4	32,170	1/4	23,791	1/4	15,432	1/4	7,044	1/4	-1340
1/2	40,383	1/2	31,995	1/2	23,617	1/2	15,257	1/2	6,870	1/2	-1515
3/4	40,208	3/4	31,821	3/4	23,443	3/4	15,082	3/4	6,695	3/4	-1690
11	40,033	11	31,646	11	23,270	11	14,908	11	6,520	11	-1865
1/4	39,859	1/4	31,471	1/4	23,096	1/4	14,733	1/4	6,345	1/4	-2040
1/2	39,684	1/2	31,296	1/2	22,923	1/2	14,558	1/2	6,171	1/2	-2215
3/4	39,509	3/4	31,122	3/4	22,749	3/4	14,383	3/4	5,996	3/4	-2390

GAUGE LOCATED 24'-5" FROM AFT BULKHEAD AND
 16'-4" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: JW 10/26/99
 STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.


MMC GAUGE HEIGHT 15'-10"

COMPUTED IN U. S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	226.490	0	212.811	0	196.104	0	179.372	0	162.631	0	145.889	0	129.145	0	112.400	0	95.656
1/4	1/4	1/4	226.408	1/4	212.464	1/4	195.755	1/4	179.023	1/4	162.281	1/4	145.540	1/4	128.796	1/4	112.052	1/4	95.312
1/2	1/2	1/2	226.327	1/2	212.117	1/2	195.406	1/2	178.675	1/2	161.934	1/2	145.191	1/2	128.447	1/2	111.703	1/2	94.973
3/4	3/4	3/4	226.245	3/4	211.771	3/4	195.058	3/4	178.326	3/4	161.585	3/4	144.843	3/4	128.098	3/4	111.354	3/4	94.633
1	1	1	226.163	1	211.424	1	194.709	1	177.977	1	161.236	1	144.494	1	127.749	1	110.805	1	94.293
1/4	1/4	1/4	226.024	1/4	211.078	1/4	194.360	1/4	177.628	1/4	160.887	1/4	144.145	1/4	127.401	1/4	110.458	1/4	93.953
1/2	1/2	1/2	225.884	1/2	210.731	1/2	194.011	1/2	177.280	1/2	160.539	1/2	143.796	1/2	127.052	1/2	110.115	1/2	93.613
3/4	3/4	3/4	225.744	3/4	210.384	3/4	193.663	3/4	176.931	3/4	160.169	3/4	143.447	3/4	126.703	3/4	109.772	3/4	93.273
2	2	2	225.604	2	210.038	2	193.314	2	176.582	2	159.841	2	143.098	2	126.354	2	109.432	2	92.933
1/4	1/4	1/4	225.406	1/4	209.691	1/4	192.966	1/4	176.233	1/4	159.492	1/4	142.750	1/4	126.005	1/4	109.092	1/4	92.593
1/2	1/2	1/2	225.208	1/2	209.344	1/2	192.618	1/2	175.884	1/2	159.143	1/2	142.401	1/2	125.656	1/2	108.752	1/2	92.253
3/4	3/4	3/4	225.010	3/4	208.998	3/4	192.270	3/4	175.536	3/4	158.795	3/4	142.052	3/4	125.308	3/4	108.412	3/4	91.913
3	3	3	224.812	3	208.651	3	191.922	3	175.187	3	158.446	3	141.703	3	124.959	3	108.072	3	91.573
1/4	1/4	1/4	224.556	1/4	208.305	1/4	191.574	1/4	174.838	1/4	158.097	1/4	141.354	1/4	124.610	1/4	107.732	1/4	91.233
1/2	1/2	1/2	224.299	1/2	207.958	1/2	191.226	1/2	174.489	1/2	157.748	1/2	141.005	1/2	124.261	1/2	107.392	1/2	90.893
3/4	3/4	3/4	224.043	3/4	207.611	3/4	190.878	3/4	174.141	3/4	157.400	3/4	140.657	3/4	123.912	3/4	107.052	3/4	90.553
4	4	4	223.787	4	207.265	4	190.530	4	173.792	4	157.051	4	140.308	4	123.563	4	106.712	4	90.213
1/4	1/4	1/4	223.469	1/4	206.916	1/4	190.182	1/4	173.443	1/4	156.702	1/4	139.959	1/4	123.215	1/4	106.372	1/4	89.873
1/2	1/2	1/2	223.152	1/2	206.567	1/2	189.834	1/2	173.094	1/2	156.353	1/2	139.610	1/2	122.866	1/2	106.032	1/2	89.533
3/4	3/4	3/4	222.834	3/4	206.218	3/4	189.486	3/4	172.746	3/4	156.005	3/4	139.261	3/4	122.517	3/4	105.692	3/4	89.193
5	5	5	222.516	5	205.870	5	189.138	5	172.397	5	155.656	5	138.912	5	122.168	5	105.352	5	88.853
1/4	1/4	1/4	222.170	1/4	205.521	1/4	188.789	1/4	172.048	1/4	155.307	1/4	138.563	1/4	121.819	1/4	105.012	1/4	88.513
1/2	1/2	1/2	221.823	1/2	205.172	1/2	188.440	1/2	171.699	1/2	154.958	1/2	138.215	1/2	121.470	1/2	104.672	1/2	88.173
3/4	3/4	3/4	221.476	3/4	204.823	3/4	188.091	3/4	171.350	3/4	154.609	3/4	137.866	3/4	121.121	3/4	104.332	3/4	87.833
6	6	6	221.130	6	204.474	6	187.743	6	171.002	6	154.261	6	137.517	6	120.773	6	104.028	6	87.493
1/4	1/4	1/4	220.783	1/4	204.126	1/4	187.394	1/4	170.653	1/4	153.912	1/4	137.168	1/4	120.424	1/4	103.688	1/4	87.153
1/2	1/2	1/2	220.437	1/2	203.777	1/2	187.045	1/2	170.304	1/2	153.563	1/2	136.819	1/2	120.075	1/2	103.348	1/2	86.813
3/4	3/4	3/4	220.090	3/4	203.428	3/4	186.696	3/4	169.955	3/4	153.214	3/4	136.470	3/4	119.726	3/4	103.008	3/4	86.473
7	7	7	219.743	7	203.079	7	186.348	7	169.607	7	152.866	7	136.122	7	119.377	7	102.668	7	86.133
1/4	1/4	1/4	219.397	1/4	202.731	1/4	185.999	1/4	169.258	1/4	152.517	1/4	135.773	1/4	119.028	1/4	102.328	1/4	85.793
1/2	1/2	1/2	219.050	1/2	202.382	1/2	185.650	1/2	168.909	1/2	152.168	1/2	135.424	1/2	118.680	1/2	101.988	1/2	85.453
3/4	3/4	3/4	218.703	3/4	202.033	3/4	185.301	3/4	168.560	3/4	151.819	3/4	135.075	3/4	118.331	3/4	101.648	3/4	85.113
8	8	8	218.357	8	201.684	8	184.952	8	168.212	8	151.471	8	134.726	8	117.982	8	101.308	8	84.773
1/4	1/4	1/4	218.010	1/4	201.336	1/4	184.604	1/4	167.863	1/4	151.122	1/4	134.377	1/4	117.633	1/4	100.968	1/4	84.433
1/2	1/2	1/2	217.664	1/2	200.987	1/2	184.255	1/2	167.514	1/2	150.773	1/2	134.029	1/2	117.284	1/2	100.628	1/2	84.093
3/4	3/4	3/4	217.317	3/4	200.638	3/4	183.906	3/4	167.165	3/4	150.424	3/4	133.680	3/4	116.935	3/4	100.288	3/4	83.753
9	9	9	216.970	9	200.289	9	183.557	9	166.816	9	150.075	9	133.331	9	116.587	9	99.948	9	83.413
1/4	1/4	1/4	216.624	1/4	199.940	1/4	183.209	1/4	166.468	1/4	149.726	1/4	132.982	1/4	116.238	1/4	99.608	1/4	83.073
1/2	1/2	1/2	216.277	1/2	199.592	1/2	182.860	1/2	166.119	1/2	149.378	1/2	132.633	1/2	115.889	1/2	99.268	1/2	82.733
3/4	3/4	3/4	215.930	3/4	199.243	3/4	182.511	3/4	165.770	3/4	149.029	3/4	132.284	3/4	115.540	3/4	98.928	3/4	82.393
10	10	10	215.584	10	198.894	10	182.162	10	165.421	10	148.680	10	131.936	10	115.191	10	98.588	10	82.053
1/4	1/4	1/4	215.237	1/4	198.545	1/4	181.814	1/4	165.073	1/4	148.331	1/4	131.587	1/4	114.842	1/4	98.248	1/4	81.713
1/2	1/2	1/2	214.890	1/2	198.197	1/2	181.465	1/2	164.724	1/2	147.982	1/2	131.238	1/2	114.494	1/2	97.908	1/2	81.373
3/4	3/4	3/4	214.544	3/4	197.848	3/4	181.116	3/4	164.375	3/4	147.633	3/4	130.889	3/4	114.145	3/4	97.568	3/4	81.033
11	11	11	214.197	11	197.499	11	180.767	11	164.026	11	147.284	11	130.540	11	113.796	11	97.228	11	80.693
1/4	1/4	1/4	213.851	1/4	197.150	1/4	180.418	1/4	163.678	1/4	146.936	1/4	130.191	1/4	113.447	1/4	96.888	1/4	80.353
1/2	1/2	1/2	213.504	1/2	196.802	1/2	180.070	1/2	163.329	1/2	146.587	1/2	129.842	1/2	113.098	1/2	96.548	1/2	80.013
3/4	3/4	3/4	213.157	3/4	196.453	3/4	179.721	3/4	162.980	3/4	146.238	3/4	129.494	3/4	112.749	3/4	96.208	3/4	79.673

GAUGE LOCATED 23"-8" FROM AFT BULKHEAD AND 4'-2" FROM CENTERLINE BULKHEAD.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 10/26/99

STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

MMC GAUGE HEIGHT 15'-10"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	95,656	0	78,912	0	62,168	0	45,578	0	29,053	0	12,307
1/4	95,307	1/4	78,563	1/4	61,819	1/4	45,237	1/4	28,704	1/4	11,958
1/2	94,958	1/2	78,214	1/2	61,470	1/2	44,896	1/2	28,355	1/2	11,609
3/4	94,610	3/4	77,865	3/4	61,121	3/4	44,556	3/4	28,006	3/4	11,260
1	94,261	1	77,516	1	60,772	1	44,215	1	27,657	1	10,911
1/4	93,912	1/4	77,168	1/4	60,423	1/4	43,874	1/4	27,308	1/4	10,562
1/2	93,563	1/2	76,819	1/2	60,074	1/2	43,534	1/2	26,960	1/2	10,213
3/4	93,214	3/4	76,470	3/4	59,726	3/4	43,193	3/4	26,611	3/4	9,864
2	92,865	2	76,121	2	59,377	2	42,852	2	26,262	2	9,516
1/4	92,517	1/4	75,772	1/4	59,028	1/4	42,512	1/4	25,913	1/4	9,167
1/2	92,168	1/2	75,423	1/2	58,679	1/2	42,171	1/2	25,564	1/2	8,818
3/4	91,819	3/4	75,075	3/4	58,330	3/4	41,830	3/4	25,215	3/4	8,469
3	91,470	3	74,726	3	57,981	3	41,490	3	24,866	3	8,120
1/4	91,121	1/4	74,377	1/4	57,633	1/4	41,149	1/4	24,517	1/4	7,771
1/2	90,772	1/2	74,028	1/2	57,284	1/2	40,808	1/2	24,168	1/2	7,422
3/4	90,424	3/4	73,679	3/4	56,935	3/4	40,468	3/4	23,820	3/4	7,073
4	90,075	4	73,330	4	56,586	4	40,127	4	23,471	4	6,724
1/4	89,726	1/4	72,982	1/4	56,237	1/4	39,786	1/4	23,122	1/4	6,376
1/2	89,377	1/2	72,633	1/2	55,888	1/2	39,445	1/2	22,773	1/2	6,027
3/4	89,028	3/4	72,284	3/4	55,540	3/4	39,105	3/4	22,424	3/4	5,678
5	88,679	5	71,935	5	55,191	5	38,764	5	22,075	5	5,329
1/4	88,331	1/4	71,586	1/4	54,842	1/4	38,422	1/4	21,726	1/4	4,980
1/2	87,982	1/2	71,237	1/2	54,493	1/2	38,081	1/2	21,377	1/2	4,631
3/4	87,633	3/4	70,889	3/4	54,144	3/4	37,739	3/4	21,029	3/4	4,282
6	87,284	6	70,540	6	53,795	6	37,397	6	20,680	6	3,933
1/4	86,935	1/4	70,191	1/4	53,446	1/4	37,056	1/4	20,331	1/4	3,590
1/2	86,586	1/2	69,842	1/2	53,097	1/2	36,714	1/2	19,982	1/2	3,247
3/4	86,237	3/4	69,493	3/4	52,748	3/4	36,372	3/4	19,633	3/4	2,904
7	85,889	7	69,144	7	52,400	7	36,030	7	19,284	7	2,560
1/4	85,540	1/4	68,795	1/4	52,058	1/4	35,682	1/4	18,935	1/4	2,281
1/2	85,191	1/2	68,447	1/2	51,716	1/2	35,333	1/2	18,586	1/2	2,002
3/4	84,842	3/4	68,098	3/4	51,374	3/4	34,984	3/4	18,238	3/4	1,723
8	84,493	8	67,749	8	51,033	8	34,635	8	17,889	8	1,444
1/4	84,144	1/4	67,400	1/4	50,691	1/4	34,286	1/4	17,540	1/4	1,245
1/2	83,796	1/2	67,051	1/2	50,349	1/2	33,937	1/2	17,191	1/2	1,046
3/4	83,447	3/4	66,702	3/4	50,007	3/4	33,588	3/4	16,842	3/4	847
9	83,098	9	66,354	9	49,666	9	33,239	9	16,493	9	647
1/4	82,749	1/4	66,005	1/4	49,325	1/4	32,890	1/4	16,144	1/4	528
1/2	82,400	1/2	65,656	1/2	48,984	1/2	32,542	1/2	15,795	1/2	409
3/4	82,051	3/4	65,307	3/4	48,644	3/4	32,193	3/4	15,446	3/4	289
10	81,703	10	64,958	10	48,303	10	31,844	10	15,098	10	170
1/4	81,354	1/4	64,609	1/4	47,962	1/4	31,495	1/4	14,749		
1/2	81,005	1/2	64,261	1/2	47,621	1/2	31,146	1/2	14,400		
3/4	80,656	3/4	63,912	3/4	47,281	3/4	30,797	3/4	14,051		
11	80,307	11	63,563	11	46,940	11	30,448	11	13,702		
1/4	79,958	1/4	63,214	1/4	46,600	1/4	30,099	1/4	13,353		
1/2	79,610	1/2	62,865	1/2	46,259	1/2	29,751	1/2	13,004		
3/4	79,261	3/4	62,516	3/4	45,918	3/4	29,402	3/4	12,655		

GAUGE LOCATED 23'-8" FROM AFT BULKHEAD AND
 4'-2" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: JW 10/26/99
 STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.


CBC 227

Official No. 1081769

FUEL OIL DAY TANK STRAPPING TABLE

TANK DIMENSIONS: 87" X 40" X 21"

INNAGE INCHES	US GALLONS	OUTAGE INCHES	US GALLONS
1	15.06	1	316.36
2	30.13	2	301.30
3	45.19	3	286.23
4	60.26	4	271.17
5	75.32	5	256.10
6	90.39	6	241.04
7	105.45	7	225.97
8	120.52	8	210.91
9	135.58	9	195.84
10	150.65	10	180.78
11	165.71	11	165.71
12	180.78	12	150.65
13	195.84	13	135.58
14	210.91	14	120.52
15	225.97	15	105.45
16	241.04	16	90.39
17	256.10	17	75.32
18	271.17	18	60.26
19	286.23	19	45.19
20	301.30	20	30.13
21	316.36	21	15.06

Certified By Bill Hatfield 4/6/21

Earl Hatfield Marine Surveyors, LLC