

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"

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".

LENGTH BETWEEN DRAFT MARKS 147.00'

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	
0		0		216,802	0	205,141	0	188,454	0	171,743	0	155,031	0	138,436	0	121,993	0	105,702	
1/4	1/4	1/4	1/4	218,720	1/4	204,795	1/4	188,106	1/4	171,395	1/4	154,684	1/4	138,092	1/4	121,652	1/4	105,364	
1/2	1/2	1/2	1/2	218,639	1/2	204,448	1/2	187,758	1/2	171,046	1/2	154,337	1/2	137,748	1/2	121,311	1/2	105,026	
3/4	3/4	3/4	3/4	218,557	3/4	204,102	3/4	187,409	3/4	170,698	3/4	153,989	3/4	137,404	3/4	120,970	3/4	104,689	
1	1	1	1	218,476	1	203,756	1	187,061	1	170,350	1	153,642	1	137,060	1	120,629	1	104,351	
1/4	1/4	1/4	1/4	218,336	1/4	203,410	1/4	186,713	1/4	170,001	1/4	153,295	1/4	136,717	1/4	120,289	1/4	104,014	
1/2	1/2	1/2	1/2	218,196	1/2	203,064	1/2	186,364	1/2	169,653	1/2	152,948	1/2	136,373	1/2	119,948	1/2	103,676	
3/4	3/4	3/4	3/4	218,056	3/4	202,717	3/4	186,016	3/4	169,305	3/4	152,602	3/4	136,029	3/4	119,608	3/4	103,339	
2	2	2	2	217,917	2	202,371	2	185,668	2	168,956	2	152,255	2	135,685	2	119,267	2	103,002	
1/4	1/4	1/4	1/4	217,719	1/4	202,025	1/4	185,320	1/4	168,608	1/4	151,908	1/4	135,342	1/4	118,927	1/4	102,664	
1/2	1/2	1/2	1/2	217,521	1/2	201,679	1/2	184,972	1/2	168,260	1/2	151,561	1/2	134,998	1/2	118,586	1/2	102,327	
3/4	3/4	3/4	3/4	217,323	3/4	201,333	3/4	184,625	3/4	167,911	3/4	151,215	3/4	134,655	3/4	118,246	3/4	101,990	
3	3	3	3	217,125	3	200,986	3	184,277	3	167,563	3	150,868	3	134,311	3	117,906	3	101,653	
1/4	1/4	1/4	1/4	216,870	1/4	200,640	1/4	183,930	1/4	167,215	1/4	150,522	1/4	133,968	1/4	117,566	1/4	101,316	
1/2	1/2	1/2	1/2	216,614	1/2	200,294	1/2	183,582	1/2	166,866	1/2	150,175	1/2	133,625	1/2	117,226	1/2	100,979	
3/4	3/4	3/4	3/4	216,358	3/4	199,948	3/4	183,235	3/4	166,518	3/4	149,829	3/4	133,281	3/4	116,885	3/4	100,642	
4	4	4	4	216,102	4	199,602	4	182,887	4	166,170	4	149,483	4	132,938	4	116,545	4	100,305	
1/4	1/4	1/4	1/4	215,785	1/4	199,253	1/4	182,540	1/4	165,821	1/4	149,137	1/4	132,595	1/4	116,206	1/4	99,969	
1/2	1/2	1/2	1/2	215,468	1/2	198,905	1/2	182,192	1/2	165,473	1/2	148,791	1/2	132,252	1/2	115,866	1/2	99,632	
3/4	3/4	3/4	3/4	215,151	3/4	198,557	3/4	181,845	3/4	165,125	3/4	148,444	3/4	131,909	3/4	115,526	3/4	99,296	
5	5	5	5	214,834	5	198,208	5	181,497	5	164,776	5	148,098	5	131,566	5	115,186	5	98,959	
1/4	1/4	1/4	1/4	214,488	1/4	197,860	1/4	181,149	1/4	164,428	1/4	147,753	1/4	131,224	1/4	114,847	1/4	98,623	
1/2	1/2	1/2	1/2	214,142	1/2	197,515	1/2	180,800	1/2	164,079	1/2	147,407	1/2	130,881	1/2	114,507	1/2	98,286	
3/4	3/4	3/4	3/4	213,796	3/4	197,163	3/4	180,452	3/4	163,731	3/4	147,061	3/4	130,538	3/4	114,168	3/4	97,950	
6	6	6	6	213,450	6	196,815	6	180,104	6	163,383	6	146,715	6	130,195	6	113,828	6	97,614	
1/4	1/4	1/4	1/4	213,103	1/4	196,466	1/4	179,755	1/4	163,034	1/4	146,370	1/4	129,853	1/4	113,489	1/4	97,278	
1/2	1/2	1/2	1/2	212,757	1/2	196,118	1/2	179,407	1/2	162,686	1/2	146,024	1/2	129,511	1/2	113,150	1/2	96,942	
3/4	3/4	3/4	3/4	212,411	3/4	195,770	3/4	179,059	3/4	162,338	3/4	145,678	3/4	129,168	3/4	112,810	3/4	96,605	
7	7	7	7	212,065	7	195,421	7	178,710	7	161,989	7	145,333	7	128,826	7	112,471	7	96,269	
1/4	1/4	1/4	1/4	211,719	1/4	195,073	1/4	178,362	1/4	161,641	1/4	144,988	1/4	128,483	1/4	112,132	1/4	95,934	
1/2	1/2	1/2	1/2	211,372	1/2	194,725	1/2	178,013	1/2	161,293	1/2	144,642	1/2	128,141	1/2	111,793	1/2	95,598	
3/4	3/4	3/4	3/4	211,026	3/4	194,376	3/4	177,665	3/4	160,944	3/4	144,297	3/4	127,799	3/4	111,454	3/4	95,262	
8	8	8	8	210,680	8	194,028	8	177,317	8	160,596	8	143,952	8	127,457	8	111,115	8	94,926	
1/4	1/4	1/4	1/4	210,334	1/4	193,680	1/4	176,968	1/4	160,248	1/4	143,607	1/4	127,115	1/4	110,776	1/4	94,591	
1/2	1/2	1/2	1/2	209,988	1/2	193,331	1/2	176,620	1/2	159,900	1/2	143,261	1/2	126,773	1/2	110,438	1/2	94,255	
3/4	3/4	3/4	3/4	209,641	3/4	192,983	3/4	176,272	3/4	159,551	3/4	142,916	3/4	126,431	3/4	110,099	3/4	93,919	
9	9	9	9	209,295	9	192,635	9	175,923	9	159,203	9	142,571	9	126,089	9	109,760	9	93,584	
1/4	1/4	1/4	1/4	208,949	1/4	192,286	1/4	175,575	1/4	158,855	1/4	142,226	1/4	125,748	1/4	109,422	1/4	93,249	
1/2	1/2	1/2	1/2	208,603	1/2	191,938	1/2	175,227	1/2	158,507	1/2	141,882	1/2	125,406	1/2	109,083	1/2	92,913	
3/4	3/4	3/4	3/4	208,257	3/4	191,590	3/4	174,878	3/4	158,159	3/4	141,537	3/4	125,064	3/4	108,745	3/4	92,578	
10	10	10	10	207,910	10	191,241	10	174,530	10	157,811	10	141,192	10	124,723	10	108,406	10	92,243	
1/4	1/4	1/4	1/4	207,564	1/4	190,893	1/4	174,182	1/4	157,464	1/4	140,847	1/4	124,381	1/4	108,068	1/4	91,908	
1/2	1/2	1/2	1/2	207,218	1/2	190,544	1/2	173,833	1/2	157,116	1/2	140,503	1/2	124,040	1/2	107,730	1/2	91,573	
3/4	3/4	3/4	3/4	206,872	3/4	190,196	3/4	173,485	3/4	156,768	3/4	140,158	3/4	123,699	3/4	107,392	3/4	91,238	
11	11	11	11	206,526	11	189,848	11	173,137	11	156,421	11	139,814	11	123,357	11	107,054	11	90,903	
1/4	1/4	1/4	1/4	206,179	1/4	189,499	1/4	172,788	1/4	156,073	1/4	139,469	1/4	123,016	1/4	106,716	1/4	90,568	
1/2	1/2	1/2	1/2	205,833	1/2	189,151	1/2	172,440	1/2	155,726	1/2	139,125	1/2	122,675	1/2	106,378	1/2	90,233	
3/4	3/4	3/4	3/4	205,487	3/4	188,803	3/4	172,092	3/4	155,378	3/4	138,781	3/4	122,334	3/4	106,040	3/4	89,899	

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

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	2,072
1/2	79,555	1/2	63,666	1/2	47,929	1/2	32,381	1/2	16,950	1/2	1,818
3/4	79,223	3/4	63,336	3/4	47,602	3/4	32,058	3/4	16,630	3/4	1,565
8	78,890	8	63,007	8	47,276	8	31,735	8	16,310	8	1,312
1/4	78,558	1/4	62,677	1/4	46,950	1/4	31,412	1/4	15,990	1/4	1,131
1/2	78,225	1/2	62,348	1/2	46,624	1/2	31,089	1/2	15,671	1/2	950
3/4	77,893	3/4	62,019	3/4	46,298	3/4	30,766	3/4	15,351	3/4	769
9	77,561	9	61,690	9	45,972	9	30,444	9	15,032	9	588
1/4	77,228	1/4	61,361	1/4	45,648	1/4	30,121	1/4	14,712	1/4	480
1/2	76,896	1/2	61,032	1/2	45,323	1/2	29,799	1/2	14,393	1/2	372
3/4	76,564	3/4	60,703	3/4	44,998	3/4	29,476	3/4	14,073	3/4	263
10	76,232	10	60,374	10	44,674	10	29,153	10	13,754	10	155
1/4	75,900	1/4	60,046	1/4	44,349	1/4	28,831	1/4	13,435		
1/2	75,568	1/2	59,717	1/2	44,025	1/2	28,509	1/2	13,116		
3/4	75,237	3/4	59,388	3/4	43,701	3/4	28,187	3/4	12,797		
11	74,905	11	59,060	11	43,377	11	27,864	11	12,478		
1/4	74,573	1/4	58,731	1/4	43,052	1/4	27,542	1/4	12,159		
1/2	74,242	1/2	58,403	1/2	42,728	1/2	27,220	1/2	11,840		
3/4	73,910	3/4	58,075	3/4	42,404	3/4	26,898	3/4	11,521		

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

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 1/4"

COMPUTED IN U. S. GALLONS

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	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	94,848	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	113,104	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	113,088	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	113,071	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	113,055	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	113,038	1/4	97,805	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	112,993	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	112,947	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	112,901	10	97,282	10	88,932	10	80,554	10	72,185	10	63,813	10	55,441	10	47,069	10	47,069
1/4	1/4	1/4	112,856	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	112,781	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	112,707	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	112,632	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	112,557	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	112,454	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	112,350	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.

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	45,674	0	37,302	0	28,931	0	20,741	0	12,438	0	4,066
1/4	45,500	1/4	37,128	1/4	28,756	1/4	20,574	1/4	12,263	1/4	3,892
1/2	45,325	1/2	36,954	1/2	28,584	1/2	20,406	1/2	12,089	1/2	3,717
3/4	45,151	3/4	36,779	3/4	28,408	3/4	20,239	3/4	11,915	3/4	3,543
1	44,977	1	36,605	1	28,233	1	20,072	1	11,740	1	3,369
1/4	44,802	1/4	36,430	1/4	28,059	1/4	19,904	1/4	11,566	1/4	3,194
1/2	44,628	1/2	36,256	1/2	27,884	1/2	19,736	1/2	11,391	1/2	3,020
3/4	44,453	3/4	36,082	3/4	27,710	3/4	19,567	3/4	11,217	3/4	2,845
2	44,279	2	35,907	2	27,536	2	19,398	2	11,043	2	2,671
1/4	44,104	1/4	35,733	1/4	27,361	1/4	19,230	1/4	10,868	1/4	2,496
1/2	43,930	1/2	35,558	1/2	27,187	1/2	19,057	1/2	10,694	1/2	2,323
3/4	43,756	3/4	35,384	3/4	27,012	3/4	18,884	3/4	10,519	3/4	2,149
3	43,581	3	35,210	3	26,838	3	18,711	3	10,345	3	1,975
1/4	43,407	1/4	35,035	1/4	26,663	1/4	18,538	1/4	10,171	1/4	1,802
1/2	43,232	1/2	34,861	1/2	26,489	1/2	18,364	1/2	9,996	1/2	1,638
3/4	43,058	3/4	34,686	3/4	26,315	3/4	18,191	3/4	9,822	3/4	1,474
4	42,884	4	34,512	4	26,141	4	18,018	4	9,647	4	1,311
1/4	42,709	1/4	34,338	1/4	25,967	1/4	17,845	1/4	9,473	1/4	1,147
1/2	42,535	1/2	34,163	1/2	25,794	1/2	17,670	1/2	9,298	1/2	1,018
3/4	42,360	3/4	33,989	3/4	25,621	3/4	17,496	3/4	9,124	3/4	888
5	42,186	5	33,814	5	25,448	5	17,321	5	8,950	5	759
1/4	42,012	1/4	33,640	1/4	25,275	1/4	17,147	1/4	8,775	1/4	629
1/2	41,837	1/2	33,465	1/2	25,104	1/2	16,973	1/2	8,601	1/2	539
3/4	41,663	3/4	33,291	3/4	24,932	3/4	16,798	3/4	8,426	3/4	450
6	41,488	6	33,117	6	24,761	6	16,624	6	8,252	6	360
1/4	41,314	1/4	32,942	1/4	24,589	1/4	16,449	1/4	8,078	1/4	270
1/2	41,140	1/2	32,768	1/2	24,422	1/2	16,275	1/2	7,903		
3/4	40,965	3/4	32,593	3/4	24,255	3/4	16,100	3/4	7,729		
7	40,791	7	32,419	7	24,087	7	15,926	7	7,554		
1/4	40,616	1/4	32,245	1/4	23,920	1/4	15,752	1/4	7,380		
1/2	40,442	1/2	32,070	1/2	23,753	1/2	15,577	1/2	7,206		
3/4	40,267	3/4	31,896	3/4	23,585	3/4	15,403	3/4	7,031		
8	40,093	8	31,721	8	23,418	8	15,228	8	6,857		
1/4	39,919	1/4	31,547	1/4	23,251	1/4	15,054	1/4	6,682		
1/2	39,744	1/2	31,373	1/2	23,083	1/2	14,880	1/2	6,508		
3/4	39,570	3/4	31,198	3/4	22,916	3/4	14,705	3/4	6,334		
9	39,395	9	31,024	9	22,749	9	14,531	9	6,159		
1/4	39,221	1/4	30,849	1/4	22,581	1/4	14,356	1/4	5,985		
1/2	39,047	1/2	30,675	1/2	22,414	1/2	14,182	1/2	5,810		
3/4	38,872	3/4	30,501	3/4	22,247	3/4	14,008	3/4	5,636		
10	38,698	10	30,326	10	22,080	10	13,833	10	5,461		
1/4	38,523	1/4	30,152	1/4	21,912	1/4	13,659	1/4	5,287		
1/2	38,349	1/2	29,977	1/2	21,745	1/2	13,484	1/2	5,113		
3/4	38,175	3/4	29,803	3/4	21,578	3/4	13,310	3/4	4,938		
11	38,000	11	29,628	11	21,410	11	13,135	11	4,764		
1/4	37,826	1/4	29,454	1/4	21,243	1/4	12,961	1/4	4,589		
1/2	37,651	1/2	29,280	1/2	21,076	1/2	12,787	1/2	4,415		
3/4	37,477	3/4	29,105	3/4	20,908	3/4	12,612	3/4	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

IN		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	113.420	0	106.382	0	98.028	0	89.653	0	81.269	0	72.884	0	64.497	0	56.109		
1/4	1/4	1/4	1/4	1/4	113.385	1/4	106.209	1/4	97.853	1/4	89.478	1/4	81.094	1/4	72.710	1/4	64.322	1/4	55.935		
1/2	1/2	1/2	1/2	1/2	113.336	1/2	106.037	1/2	97.678	1/2	89.304	1/2	80.919	1/2	72.535	1/2	64.147	1/2	55.760		
3/4	3/4	3/4	3/4	3/4	113.272	3/4	105.864	3/4	97.504	3/4	89.129	3/4	80.745	3/4	72.360	3/4	63.973	3/4	55.585		
1	1	1	1	1	113.208	1	105.692	1	97.329	1	88.954	1	80.570	1	72.186	1	63.798	1	55.410		
1/4	1/4	1/4	1/4	1/4	113.144	1/4	105.519	1/4	97.154	1/4	88.780	1/4	80.395	1/4	72.011	1/4	63.623	1/4	55.236		
1/2	1/2	1/2	1/2	1/2	113.066	1/2	105.347	1/2	96.980	1/2	88.605	1/2	80.221	1/2	71.836	1/2	63.448	1/2	55.061		
3/4	3/4	3/4	3/4	3/4	112.973	3/4	105.174	3/4	96.806	3/4	88.430	3/4	80.046	3/4	71.661	3/4	63.274	3/4	54.886		
2	2	2	2	2	112.880	2	105.002	2	96.632	2	88.256	2	79.871	2	71.487	2	63.099	2	54.711		
1/4	1/4	1/4	1/4	1/4	112.787	1/4	104.829	1/4	96.458	1/4	88.081	1/4	79.697	1/4	71.312	1/4	62.924	1/4	54.537		
1/2	1/2	1/2	1/2	1/2	112.679	1/2	104.657	1/2	96.284	1/2	87.906	1/2	79.522	1/2	71.137	1/2	62.750	1/2	54.362		
3/4	3/4	3/4	3/4	3/4	112.557	3/4	104.484	3/4	96.110	3/4	87.732	3/4	79.347	3/4	70.962	3/4	62.575	3/4	54.187		
3	3	3	3	3	112.435	3	104.312	3	95.937	3	87.557	3	79.173	3	70.788	3	62.400	3	54.013		
1/4	1/4	1/4	1/4	1/4	112.313	1/4	104.139	1/4	95.763	1/4	87.382	1/4	78.998	1/4	70.613	1/4	62.225	1/4	53.838		
1/2	1/2	1/2	1/2	1/2	112.175	1/2	103.966	1/2	95.589	1/2	87.208	1/2	78.823	1/2	70.438	1/2	62.051	1/2	53.663		
3/4	3/4	3/4	3/4	3/4	112.021	3/4	103.791	3/4	95.415	3/4	87.033	3/4	78.649	3/4	70.263	3/4	61.876	3/4	53.488		
4	4	4	4	4	111.867	4	103.617	4	95.241	4	86.858	4	78.474	4	70.089	4	61.701	4	53.314		
1/4	1/4	1/4	1/4	1/4	111.714	1/4	103.442	1/4	95.067	1/4	86.684	1/4	78.299	1/4	69.914	1/4	61.526	1/4	53.139		
1/2	1/2	1/2	1/2	1/2	111.551	1/2	103.268	1/2	94.893	1/2	86.509	1/2	78.125	1/2	69.739	1/2	61.352	1/2	52.964		
3/4	3/4	3/4	3/4	3/4	111.381	3/4	103.093	3/4	94.718	3/4	86.334	3/4	77.950	3/4	69.564	3/4	61.177	3/4	52.789		
5	5	5	5	5	111.210	5	102.919	5	94.544	5	86.160	5	77.775	5	69.390	5	61.002	5	52.615		
1/4	1/4	1/4	1/4	1/4	111.039	1/4	102.744	1/4	94.369	1/4	85.985	1/4	77.601	1/4	69.215	1/4	60.827	1/4	52.440		
1/2	1/2	1/2	1/2	1/2	110.867	1/2	102.569	1/2	94.194	1/2	85.810	1/2	77.426	1/2	69.040	1/2	60.653	1/2	52.265		
3/4	3/4	3/4	3/4	3/4	110.695	3/4	102.395	3/4	94.020	3/4	85.636	3/4	77.251	3/4	68.865	3/4	60.478	3/4	52.090		
6	6	6	6	6	110.522	6	102.220	6	93.845	6	85.461	6	77.077	6	68.691	6	60.303	6	51.916		
1/4	1/4	1/4	1/4	1/4	110.350	1/4	102.045	1/4	93.670	1/4	85.286	1/4	76.902	1/4	68.516	1/4	60.128	1/4	51.741		
1/2	1/2	1/2	1/2	1/2	110.177	1/2	101.871	1/2	93.496	1/2	85.112	1/2	76.727	1/2	68.341	1/2	59.954	1/2	51.566		
3/4	3/4	3/4	3/4	3/4	110.005	3/4	101.696	3/4	93.321	3/4	84.937	3/4	76.553	3/4	68.166	3/4	59.779	3/4	51.391		
7	7	7	7	7	109.832	7	101.521	7	93.146	7	84.762	7	76.378	7	67.992	7	59.604	7	51.217		
1/4	1/4	1/4	1/4	1/4	109.660	1/4	101.347	1/4	92.972	1/4	84.588	1/4	76.203	1/4	67.817	1/4	59.429	1/4	51.042		
1/2	1/2	1/2	1/2	1/2	109.487	1/2	101.172	1/2	92.797	1/2	84.413	1/2	76.029	1/2	67.642	1/2	59.255	1/2	50.867		
3/4	3/4	3/4	3/4	3/4	109.315	3/4	100.997	3/4	92.622	3/4	84.238	3/4	75.854	3/4	67.468	3/4	59.080	3/4	50.692		
8	8	8	8	8	109.142	8	100.823	8	92.448	8	84.064	8	75.680	8	67.293	8	58.905	8	50.518		
1/4	1/4	1/4	1/4	1/4	108.970	1/4	100.648	1/4	92.273	1/4	83.889	1/4	75.505	1/4	67.118	1/4	58.731	1/4	50.343		
1/2	1/2	1/2	1/2	1/2	108.797	1/2	100.473	1/2	92.098	1/2	83.714	1/2	75.331	1/2	66.943	1/2	58.556	1/2	50.168		
3/4	3/4	3/4	3/4	3/4	108.625	3/4	100.299	3/4	91.924	3/4	83.540	3/4	75.156	3/4	66.769	3/4	58.381	3/4	49.994		
9	9	9	9	9	108.452	9	100.124	9	91.749	9	83.365	9	74.981	9	66.594	9	58.206	9	49.819		
1/4	1/4	1/4	1/4	1/4	108.280	1/4	99.949	1/4	91.574	1/4	83.190	1/4	74.807	1/4	66.419	1/4	58.032	1/4	49.644		
1/2	1/2	1/2	1/2	1/2	108.107	1/2	99.775	1/2	91.400	1/2	83.016	1/2	74.632	1/2	66.244	1/2	57.857	1/2	49.469		
3/4	3/4	3/4	3/4	3/4	107.935	3/4	99.600	3/4	91.225	3/4	82.841	3/4	74.457	3/4	66.070	3/4	57.682	3/4	49.295		
10	10	10	10	10	107.762	10	99.425	10	91.050	10	82.666	10	74.282	10	65.895	10	57.507	10	49.120		
1/4	1/4	1/4	1/4	1/4	107.590	1/4	99.251	1/4	90.876	1/4	82.492	1/4	74.108	1/4	65.720	1/4	57.333	1/4	48.945		
1/2	1/2	1/2	1/2	1/2	107.417	1/2	99.076	1/2	90.701	1/2	82.317	1/2	73.933	1/2	65.545	1/2	57.158	1/2	48.770		
3/4	3/4	3/4	3/4	3/4	107.245	3/4	98.901	3/4	90.526	3/4	82.142	3/4	73.758	3/4	65.371	3/4	56.983	3/4	48.596		
11	11	11	11	11	107.072	11	98.727	11	90.352	11	81.968	11	73.583	11	65.196	11	56.808	11	48.421		
1/4	1/4	3/8	113.507	1/4	106.900	1/4	98.552	1/4	90.177	1/4	81.793	1/4	73.409	1/4	65.021	1/4	56.634	1/4	48.246		
1/2	1/2	1/2	113.490	1/2	106.727	1/2	98.377	1/2	90.002	1/2	81.618	1/2	73.234	1/2	64.846	1/2	56.459	1/2	48.071		
3/4	3/4	3/4	113.455	3/4	106.554	3/4	98.202	3/4	89.828	3/4	81.444	3/4	73.059	3/4	64.672	3/4	56.284	3/4	47.897		

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
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	0.938
1/4	42.654	1/4	34.267	1/4	25.879	1/4	17.529	1/4	9.141	1/4	0.763
1/2	42.480	1/2	34.092	1/2	25.705	1/2	17.354	1/2	8.967	1/2	0.588
3/4	42.305	3/4	33.917	3/4	25.530	3/4	17.179	3/4	8.792	3/4	0.413
8	42.130	8	33.743	8	25.355	8	17.005	8	8.617	8	0.238
1/4	41.955	1/4	33.568	1/4	25.180	1/4	16.830	1/4	8.442	1/4	0.063
1/2	41.781	1/2	33.393	1/2	25.006	1/2	16.655	1/2	8.268	1/2	-0.112
3/4	41.606	3/4	33.218	3/4	24.832	3/4	16.480	3/4	8.093	3/4	-0.287
9	41.431	9	33.044	9	24.659	9	16.306	9	7.918	9	-0.462
1/4	41.257	1/4	32.869	1/4	24.485	1/4	16.131	1/4	7.743	1/4	-0.637
1/2	41.082	1/2	32.694	1/2	24.311	1/2	15.956	1/2	7.569	1/2	-0.812
3/4	40.907	3/4	32.520	3/4	24.138	3/4	15.781	3/4	7.394	3/4	-1.012
10	40.732	10	32.345	10	23.964	10	15.607	10	7.219	10	-1.187
1/4	40.558	1/4	32.170	1/4	23.791	1/4	15.432	1/4	7.044	1/4	-1.362
1/2	40.383	1/2	31.995	1/2	23.617	1/2	15.257	1/2	6.870	1/2	-1.537
3/4	40.208	3/4	31.821	3/4	23.443	3/4	15.082	3/4	6.695	3/4	-1.712
11	40.033	11	31.646	11	23.270	11	14.908	11	6.520	11	-1.887
1/4	39.859	1/4	31.471	1/4	23.096	1/4	14.733	1/4	6.345	1/4	-2.062
1/2	39.684	1/2	31.296	1/2	22.923	1/2	14.558	1/2	6.171	1/2	-2.237
3/4	39.509	3/4	31.122	3/4	22.749	3/4	14.383	3/4	5.996	3/4	-2.412

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
SAYBOLT INC.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 10/99

[Signature]

MMC GAUGE HEIGHT 15'-10"

COMPUTED IN U. S. GALLONS

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	226.490	0	212.811	0	196.104	0	179.372	0	162.631	0	145.889	0	129.145	0	112.400
1/4	1/4	1/4	1/4	1/4	226.408	1/4	212.464	1/4	195.755	1/4	179.023	1/4	162.282	1/4	145.540	1/4	128.796	1/4	112.052
1/2	1/2	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
3/4	3/4	3/4	3/4	3/4	226.245	3/4	211.771	3/4	195.058	3/4	178.326	3/4	161.586	3/4	144.843	3/4	128.098	3/4	111.354
1	1	1	1	1	226.163	1	211.424	1	194.709	1	177.977	1	161.236	1	144.494	1	127.749	1	111.005
1/4	1/4	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	110.656
1/2	1/2	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	110.307
3/4	3/4	3/4	3/4	3/4	225.744	3/4	210.384	3/4	193.663	3/4	176.931	3/4	160.190	3/4	143.447	3/4	126.703	3/4	109.959
2	2	2	2	2	225.604	2	210.038	2	193.314	2	176.582	2	159.841	2	143.098	2	126.354	2	109.610
1/4	1/4	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	109.261
1/2	1/2	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	108.912
3/4	3/4	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	108.563
3	3	3	3	3	224.812	3	208.651	3	191.922	3	175.187	3	158.446	3	141.703	3	124.959	3	108.214
1/4	1/4	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	107.866
1/2	1/2	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	107.517
3/4	3/4	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	107.168
4	4	4	4	4	223.787	4	207.265	4	190.530	4	173.792	4	157.051	4	140.308	4	123.563	4	106.819
1/4	1/4	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	106.470
1/2	1/2	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	106.121
3/4	3/4	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	105.773
5	5	5	5	5	222.516	5	205.870	5	189.138	5	172.397	5	155.656	5	138.912	5	122.168	5	105.424
1/4	1/4	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	105.075
1/2	1/2	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	104.726
3/4	3/4	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	104.377
6	6	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
1/4	1/4	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	103.679
1/2	1/2	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	103.331
3/4	3/4	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	102.982
7	7	7	7	7	219.743	7	203.079	7	186.348	7	169.607	7	152.866	7	136.122	7	119.377	7	102.633
1/4	1/4	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	102.284
1/2	1/2	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	101.935
3/4	3/4	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	101.586
8	8	8	8	8	218.357	8	201.684	8	184.952	8	168.212	8	151.471	8	134.726	8	117.982	8	101.238
1/4	1/4	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	100.889
1/2	1/2	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	100.540
3/4	3/4	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	100.191
9	9	9	9	9	216.970	9	200.289	9	183.557	9	166.816	9	150.075	9	133.331	9	116.587	9	99.842
1/4	1/4	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	99.493
1/2	1/2	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	99.145
3/4	3/4	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	98.796
10	10	10	10	10	215.584	10	198.894	10	182.162	10	165.421	10	148.680	10	131.936	10	115.191	10	98.447
1/4	1/4	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	98.098
1/2	1/2	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	97.749
3/4	3/4	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	97.400
11	11	11	11	11	214.197	11	197.499	11	180.767	11	164.026	11	147.284	11	130.540	11	113.796	11	97.052
1/4	1/4	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	96.703
1/2	1/2	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	96.354
3/4	3/4	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	96.005

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 10/26/99

STRAPPED BY: CL & DH 10/13/99

SAYBOLT INC.

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	47,622	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