

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

**BARGE CBC 118**

ULLAGE TRIM CORRECTIONS

	1 FT. BY BOW BY STERN	2 FT. BY BOW BY STERN	3 FT. BY BOW BY STERN	4 FT. BY BOW BY STERN	5 FT. BY BOW BY STERN	6 FT. BY BOW BY STERN
TANK 1	NO CORRECTION					
TANK 2	NO CORRECTION					
TANK 3	+0 1/8" -0 1/8"	+0 1/4" -0 1/4"	+0 3/8" -0 3/8"	+0 1/2" -0 1/2"	+0 5/8" -0 5/8"	+0 3/4" -0 3/4"

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

LENGTH BETWEEN DRAFT MARKS 164.40'

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

February 28, 2000  
 SAYBOLT INC.



COMPUTED IN U.S. GALLONS

MMC GAUGE HEIGHT 16'-1 5/8"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	146,640	136,896	126,384	115,819	105,255	94,690	84,123	73,551	
1/4	1/4	146,525	136,677	126,164	115,599	105,034	94,470	83,903	73,331	
1/2	1/2	146,411	136,459	125,944	115,379	104,814	94,250	83,682	73,111	
3/4	3/4	146,278	136,240	125,724	115,159	104,594	94,029	83,462	72,891	
1	1	146,126	136,021	125,504	114,939	104,374	93,809	83,242	72,670	
1/4	1/4	145,975	135,802	125,284	114,719	104,154	93,589	83,022	72,450	
1/2	1/2	145,824	135,583	125,064	114,499	103,934	93,369	82,801	72,230	
3/4	3/4	145,654	135,364	124,843	114,279	103,714	93,149	82,581	72,010	
2	2	145,486	135,145	124,623	114,059	103,494	92,929	82,361	71,789	
1/4	1/4	145,279	134,926	124,403	113,838	103,274	92,709	82,141	71,569	
1/2	1/2	145,091	134,707	124,183	113,618	103,054	92,489	81,920	71,349	
3/4	3/4	144,891	134,489	123,963	113,398	102,833	92,269	81,700	71,129	
3	3	144,679	134,270	123,743	113,178	102,613	92,049	81,480	70,908	
1/4	1/4	144,467	134,051	123,523	112,958	102,393	91,828	81,260	70,688	
1/2	1/2	144,255	133,832	123,303	112,738	102,173	91,608	81,039	70,468	
3/4	3/4	144,039	133,613	123,083	112,518	101,953	91,388	80,819	70,248	
4	4	143,820	133,394	122,863	112,298	101,733	91,168	80,599	70,027	
1/4	1/4	143,601	133,175	122,642	112,078	101,513	90,948	80,379	69,807	
1/2	1/2	143,382	132,956	122,422	111,858	101,293	90,728	80,158	69,587	
3/4	3/4	143,162	132,737	122,202	111,637	101,073	90,508	79,938	69,367	
5	5	142,943	132,518	121,982	111,417	100,853	90,288	79,718	69,146	
1/4	1/4	142,723	132,300	121,762	111,197	100,632	90,068	79,498	68,926	
1/2	1/2	142,503	132,081	121,542	110,977	100,412	89,848	79,277	68,706	
3/4	3/4	142,285	131,862	121,322	110,757	100,192	89,627	79,057	68,486	
6	6	142,069	131,643	121,102	110,537	99,972	89,407	78,837	68,265	
1/4	1/4	141,852	131,424	120,882	110,317	99,752	89,187	78,617	68,045	
1/2	1/2	141,636	131,205	120,662	110,097	99,532	88,967	78,397	67,825	
3/4	3/4	141,420	130,986	120,441	109,877	99,312	88,747	78,176	67,605	
7	7	141,205	130,767	120,221	109,657	99,092	88,527	77,956	67,384	
1/4	1/4	140,991	130,549	120,001	109,436	98,872	88,307	77,736	67,164	
1/2	1/2	140,776	130,330	119,781	109,216	98,652	88,087	77,516	66,944	
3/4	3/4	140,562	130,111	119,561	108,996	98,431	87,867	77,295	66,724	
8	8	140,347	129,892	119,341	108,776	98,211	87,647	77,075	66,504	
1/4	1/4	140,133	129,673	119,121	108,556	97,991	87,426	76,855	66,284	
1/2	1/2	139,918	129,454	118,901	108,336	97,771	87,206	76,635	66,063	
3/4	3/4	139,703	129,235	118,681	108,116	97,551	86,986	76,414	65,843	
9	9	139,489	129,016	118,461	107,896	97,331	86,766	76,194	65,623	
1/4	1/4	139,274	128,797	118,240	107,676	97,111	86,545	75,974	65,402	
1/2	1/2	139,060	128,579	118,020	107,456	96,891	86,325	75,754	65,182	
3/4	3/4	138,845	128,360	117,800	107,235	96,671	86,105	75,533	64,962	
10	10	147,225	138,630	117,580	107,015	96,451	85,885	75,313	64,742	
1/4	1/4	147,184	138,416	117,360	106,795	96,230	85,664	75,093	64,521	
1/2	1/2	147,143	138,201	117,140	106,575	96,010	85,444	74,873	64,301	
3/4	3/4	147,084	137,985	116,920	106,355	95,790	85,224	74,652	64,081	
11	11	147,006	137,768	116,700	106,135	95,570	85,004	74,432	63,860	
1/4	1/4	146,928	137,551	116,480	105,915	95,350	84,783	74,212	63,640	
1/2	1/2	146,850	137,333	116,260	105,695	95,130	84,563	73,992	63,420	
3/4	3/4	146,754	137,115	116,039	105,475	94,910	84,343	73,771	63,199	

GAUGE LOCATED 27'-4" FROM AFT BULKHEAD AND  
 1'-3" FROM CENTERLINE BULKHEAD  
 CHART IS CERTIFIED FOR THIS TANK ONLY.  
 COMPUTED BY: JW 02/28/00  
 STRAPPED BY: CJ-KP 02/22/00  
**SAYBOLT INC.**

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7  
 THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00

COMPUTED IN U.S. GALLONS

MMC GAUGE HEIGHT 16'-1 5/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	62,979	0	52,405	0	41,830	0	31,256	0	21,021	0	10,545	0	504
1/4	62,759	1/4	52,184	1/4	41,610	1/4	31,036	1/4	20,807	1/4	10,324	1/4	400
1/2	62,539	1/2	51,964	1/2	41,390	1/2	30,815	1/2	20,593	1/2	10,104	1/2	297
3/4	62,318	3/4	51,744	3/4	41,169	3/4	30,595	3/4	20,378	3/4	9,884	3/4	221
1	62,098	1	51,524	1	40,949	1	30,375	1	20,164	1	9,663	1	173
1/4	61,878	1/4	51,303	1/4	40,729	1/4	30,154	1/4	19,950	1/4	9,443	1/4	125
1/2	61,657	1/2	51,083	1/2	40,509	1/2	29,934	1/2	19,736	1/2	9,223	1/2	77
3/4	61,437	3/4	50,863	3/4	40,288	3/4	29,716	3/4	19,522	3/4	9,003	3/4	52
2	61,217	2	50,642	2	40,068	2	29,499	2	19,307	2	8,782		
1/4	60,996	1/4	50,422	1/4	39,848	1/4	29,283	1/4	19,093	1/4	8,562		
1/2	60,776	1/2	50,202	1/2	39,627	1/2	29,066	1/2	18,879	1/2	8,342		
3/4	60,556	3/4	49,981	3/4	39,407	3/4	28,851	3/4	18,665	3/4	8,121		
3	60,336	3	49,761	3	39,187	3	28,636	3	18,451	3	7,901		
1/4	60,115	1/4	49,541	1/4	38,966	1/4	28,422	1/4	18,237	1/4	7,681		
1/2	59,895	1/2	49,321	1/2	38,746	1/2	28,208	1/2	18,022	1/2	7,460		
3/4	59,675	3/4	49,100	3/4	38,526	3/4	27,994	3/4	17,806	3/4	7,240		
4	59,454	4	48,880	4	38,306	4	27,779	4	17,588	4	7,020		
1/4	59,234	1/4	48,660	1/4	38,085	1/4	27,565	1/4	17,370	1/4	6,800		
1/2	59,014	1/2	48,439	1/2	37,865	1/2	27,351	1/2	17,152	1/2	6,579		
3/4	58,793	3/4	48,219	3/4	37,645	3/4	27,136	3/4	16,933	3/4	6,359		
5	58,573	5	47,999	5	37,424	5	26,922	5	16,713	5	6,139		
1/4	58,353	1/4	47,778	1/4	37,204	1/4	26,708	1/4	16,493	1/4	5,919		
1/2	58,133	1/2	47,558	1/2	36,984	1/2	26,493	1/2	16,272	1/2	5,699		
3/4	57,912	3/4	47,338	3/4	36,763	3/4	26,281	3/4	16,052	3/4	5,479		
6	57,692	6	47,118	6	36,543	6	26,071	6	15,832	6	5,259		
1/4	57,472	1/4	46,897	1/4	36,323	1/4	25,860	1/4	15,612	1/4	5,039		
1/2	57,251	1/2	46,677	1/2	36,103	1/2	25,650	1/2	15,391	1/2	4,819		
3/4	57,031	3/4	46,457	3/4	35,882	3/4	25,440	3/4	15,171	3/4	4,600		
7	56,811	7	46,236	7	35,662	7	25,232	7	14,951	7	4,381		
1/4	56,590	1/4	46,016	1/4	35,442	1/4	25,024	1/4	14,730	1/4	4,162		
1/2	56,370	1/2	45,796	1/2	35,221	1/2	24,816	1/2	14,510	1/2	3,943		
3/4	56,150	3/4	45,575	3/4	35,001	3/4	24,608	3/4	14,290	3/4	3,724		
8	55,930	8	45,355	8	34,781	8	24,400	8	14,069	8	3,506		
1/4	55,709	1/4	45,135	1/4	34,560	1/4	24,191	1/4	13,849	1/4	3,288		
1/2	55,489	1/2	44,915	1/2	34,340	1/2	23,983	1/2	13,629	1/2	3,070		
3/4	55,269	3/4	44,694	3/4	34,120	3/4	23,775	3/4	13,409	3/4	2,853		
9	55,048	9	44,474	9	33,900	9	23,567	9	13,188	9	2,636		
1/4	54,828	1/4	44,254	1/4	33,679	1/4	23,359	1/4	12,968	1/4	2,420		
1/2	54,608	1/2	44,033	1/2	33,459	1/2	23,151	1/2	12,748	1/2	2,204		
3/4	54,387	3/4	43,813	3/4	33,239	3/4	22,941	3/4	12,527	3/4	1,995		
10	54,167	10	43,593	10	33,018	10	22,729	10	12,307	10	1,794		
1/4	53,947	1/4	43,372	1/4	32,798	1/4	22,517	1/4	12,087	1/4	1,593		
1/2	53,727	1/2	43,152	1/2	32,578	1/2	22,305	1/2	11,866	1/2	1,392		
3/4	53,506	3/4	42,932	3/4	32,357	3/4	22,092	3/4	11,646	3/4	1,212		
11	53,286	11	42,712	11	32,137	11	21,878	11	11,426	11	1,054		
1/4	53,066	1/4	42,491	1/4	31,917	1/4	21,663	1/4	11,206	1/4	896		
1/2	52,845	1/2	42,271	1/2	31,697	1/2	21,449	1/2	10,985	1/2	738		
3/4	52,625	3/4	42,051	3/4	31,476	3/4	21,235	3/4	10,765	3/4	607		

GAUGE LOCATED 27'-4" FROM AFT BULKHEAD AND  
 1'-3" FROM CENTERLINE BULKHEAD

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00

CHART IS CERTIFIED FOR THIS TANK ONLY.  
 COMPUTED BY: JW 02/28/00  
 STRAPPED BY: CJ-KP 02/22/00

SAYBOLT INC.

**MMC GAUGE HEIGHT 16'-1 3/4"**

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	145,915	0	136,286	0	125,843	0	115,347	0	104,851	0	94,355	0	83,859	0	73,362	0	62,866	0
1/4	1/4	145,801	1/4	136,069	1/4	125,625	1/4	115,128	1/4	104,632	1/4	94,136	1/4	83,640	1/4	73,144	1/4	62,652	1/4
1/2	1/2	145,688	1/2	135,851	1/2	125,406	1/2	114,910	1/2	104,414	1/2	93,917	1/2	83,421	1/2	72,925	1/2	62,444	1/2
3/4	3/4	145,574	3/4	135,634	3/4	125,187	3/4	114,691	3/4	104,195	3/4	93,699	3/4	83,203	3/4	72,706	3/4	62,236	3/4
1	1	145,423	1	135,416	1	124,969	1	114,472	1	103,976	1	93,480	1	82,984	1	72,488	1	62,028	1
1/4	1/4	145,273	1/4	135,199	1/4	124,750	1/4	114,254	1/4	103,758	1/4	93,261	1/4	82,765	1/4	72,289	1/4	61,820	1/4
1/2	1/2	145,123	1/2	134,981	1/2	124,531	1/2	114,035	1/2	103,539	1/2	93,043	1/2	82,569	1/2	72,050	1/2	61,552	1/2
3/4	3/4	144,972	3/4	134,764	3/4	124,313	3/4	113,816	3/4	103,320	3/4	92,824	3/4	82,328	3/4	71,832	3/4	61,284	3/4
2	2	144,786	2	134,546	2	124,094	2	113,598	2	103,102	2	92,605	2	82,109	2	71,613	2	61,016	2
1/4	1/4	144,599	1/4	134,329	1/4	123,875	1/4	113,379	1/4	102,883	1/4	92,387	1/4	81,891	1/4	71,394	1/4	60,748	1/4
1/2	1/2	144,412	1/2	134,111	1/2	123,657	1/2	113,160	1/2	102,664	1/2	92,168	1/2	81,672	1/2	71,176	1/2	60,480	1/2
3/4	3/4	144,226	3/4	133,894	3/4	123,438	3/4	112,942	3/4	102,446	3/4	91,949	3/4	81,453	3/4	70,957	3/4	60,212	3/4
3	3	144,015	3	133,676	3	123,219	3	112,723	3	102,227	3	91,731	3	81,235	3	70,738	3	60,000	3
1/4	1/4	143,804	1/4	133,459	1/4	123,001	1/4	112,504	1/4	102,008	1/4	91,512	1/4	81,016	1/4	70,520	1/4	59,732	1/4
1/2	1/2	143,594	1/2	133,242	1/2	122,782	1/2	112,286	1/2	101,790	1/2	91,293	1/2	80,797	1/2	70,301	1/2	59,464	1/2
3/4	3/4	143,383	3/4	133,024	3/4	122,563	3/4	112,067	3/4	101,571	3/4	91,075	3/4	80,579	3/4	70,082	3/4	59,196	3/4
4	4	143,165	4	132,807	4	122,345	4	111,848	4	101,352	4	90,856	4	80,360	4	69,864	4	58,928	4
1/4	1/4	142,948	1/4	132,589	1/4	122,126	1/4	111,630	1/4	101,134	1/4	90,637	1/4	80,141	1/4	69,645	1/4	58,660	1/4
1/2	1/2	142,730	1/2	132,372	1/2	121,907	1/2	111,411	1/2	100,915	1/2	90,419	1/2	79,923	1/2	69,426	1/2	58,392	1/2
3/4	3/4	142,512	3/4	132,154	3/4	121,689	3/4	111,192	3/4	100,696	3/4	90,200	3/4	79,704	3/4	69,208	3/4	58,124	3/4
5	5	142,294	5	131,937	5	121,470	5	110,974	5	100,478	5	89,981	5	79,485	5	68,989	5	57,856	5
1/4	1/4	142,076	1/4	131,719	1/4	121,251	1/4	110,755	1/4	100,259	1/4	89,763	1/4	79,267	1/4	68,770	1/4	57,588	1/4
1/2	1/2	141,858	1/2	131,502	1/2	121,033	1/2	110,536	1/2	100,040	1/2	89,544	1/2	79,048	1/2	68,552	1/2	57,320	1/2
3/4	3/4	141,639	3/4	131,284	3/4	120,814	3/4	110,318	3/4	99,822	3/4	89,325	3/4	78,829	3/4	68,333	3/4	57,052	3/4
6	6	141,424	6	131,067	6	120,595	6	110,099	6	99,603	6	89,107	6	78,611	6	68,114	6	56,784	6
1/4	1/4	141,209	1/4	130,849	1/4	120,377	1/4	109,880	1/4	99,384	1/4	88,888	1/4	78,392	1/4	67,896	1/4	56,516	1/4
1/2	1/2	140,994	1/2	130,632	1/2	120,158	1/2	109,662	1/2	99,166	1/2	88,669	1/2	78,173	1/2	67,677	1/2	56,248	1/2
3/4	3/4	140,779	3/4	130,414	3/4	119,939	3/4	109,443	3/4	98,947	3/4	88,451	3/4	77,955	3/4	67,458	3/4	55,980	3/4
7	7	140,566	7	130,197	7	119,720	7	109,224	7	98,728	7	88,232	7	77,736	7	67,240	7	55,712	7
1/4	1/4	140,353	1/4	129,980	1/4	119,502	1/4	109,006	1/4	98,510	1/4	88,013	1/4	77,517	1/4	67,021	1/4	55,444	1/4
1/2	1/2	140,139	1/2	129,762	1/2	119,283	1/2	108,787	1/2	98,291	1/2	87,795	1/2	77,299	1/2	66,802	1/2	55,176	1/2
3/4	3/4	139,926	3/4	129,545	3/4	119,064	3/4	108,568	3/4	98,072	3/4	87,576	3/4	77,080	3/4	66,584	3/4	54,908	3/4
8	8	139,713	8	129,327	8	118,846	8	108,350	8	97,853	8	87,357	8	76,861	8	66,365	8	54,640	8
1/4	1/4	139,500	1/4	129,110	1/4	118,627	1/4	108,131	1/4	97,635	1/4	87,139	1/4	76,643	1/4	66,146	1/4	54,372	1/4
1/2	1/2	139,286	1/2	128,892	1/2	118,408	1/2	107,912	1/2	97,416	1/2	86,920	1/2	76,424	1/2	65,928	1/2	54,104	1/2
3/4	3/4	139,073	3/4	128,675	3/4	118,190	3/4	107,694	3/4	97,197	3/4	86,701	3/4	76,205	3/4	65,709	3/4	53,836	3/4
9	9	138,860	9	128,457	9	117,971	9	107,475	9	96,979	9	86,483	9	75,986	9	65,490	9	53,568	9
1/4	1/4	138,647	1/4	128,240	1/4	117,752	1/4	107,256	1/4	96,760	1/4	86,264	1/4	75,768	1/4	65,272	1/4	53,300	1/4
1/2	1/2	138,433	1/2	128,022	1/2	117,534	1/2	107,038	1/2	96,541	1/2	86,045	1/2	75,549	1/2	65,053	1/2	53,032	1/2
3/4	3/4	138,220	3/4	127,805	3/4	117,315	3/4	106,819	3/4	96,323	3/4	85,827	3/4	75,330	3/4	64,834	3/4	52,764	3/4
10	10	138,007	10	127,587	10	117,096	10	106,600	10	96,104	10	85,608	10	75,112	10	64,616	10	52,496	10
1/4	1/4	137,794	1/4	127,370	1/4	116,878	1/4	106,382	1/4	95,885	1/4	85,389	1/4	74,893	1/4	64,397	1/4	52,228	1/4
1/2	1/2	137,581	1/2	127,152	1/2	116,659	1/2	106,163	1/2	95,667	1/2	85,171	1/2	74,674	1/2	64,178	1/2	52,000	1/2
3/4	3/4	137,367	3/4	126,935	3/4	116,440	3/4	105,944	3/4	95,448	3/4	84,952	3/4	74,456	3/4	63,960	3/4	51,732	3/4
11	11	137,151	11	126,717	11	116,222	11	105,726	11	95,229	11	84,733	11	74,237	11	63,741	11	51,464	11
1/4	1/4	136,935	1/4	126,498	1/4	116,003	1/4	105,507	1/4	95,011	1/4	84,515	1/4	74,018	1/4	63,522	1/4	51,196	1/4
1/2	1/2	136,720	1/2	126,280	1/2	115,784	1/2	105,288	1/2	94,792	1/2	84,296	1/2	73,800	1/2	63,304	1/2	50,928	1/2
3/4	3/4	136,504	3/4	126,062	3/4	115,566	3/4	105,070	3/4	94,573	3/4	84,077	3/4	73,581	3/4	63,085	3/4	50,660	3/4

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 02/28/00  
STRAPPED BY: CJ-KP 02/22/00

GAUGE LOCATED 27'-4" FROM AFT BULKHEAD AND 1'-3" FROM CENTERLINE BULKHEAD

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 7

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00

SAYBOLT INC.

**MMC GAUGE HEIGHT 16'-1 3/4"**

COMPUTED IN U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	62,866	0	52,370	0	41,874	0	31,378	0	21,022	0	10,576	0	551
1/4	62,648	1/4	51,151	1/4	41,655	1/4	31,159	1/4	20,809	1/4	10,357	1/4	448
1/2	62,429	1/2	51,933	1/2	41,437	1/2	30,940	1/2	20,596	1/2	10,139	1/2	346
3/4	62,210	3/4	51,714	3/4	41,218	3/4	30,722	3/4	20,383	3/4	9,920	3/4	243
1	61,992	1	51,495	1	40,999	1	30,503	1	20,171	1	9,701	1	196
1/4	61,773	1/4	51,277	1/4	40,781	1/4	30,284	1/4	19,958	1/4	9,483	1/4	148
1/2	61,554	1/2	51,058	1/2	40,562	1/2	30,066	1/2	19,745	1/2	9,264	1/2	100
3/4	61,336	3/4	50,839	3/4	40,343	3/4	29,847	3/4	19,533	3/4	9,045	3/4	52
2	61,117	2	50,621	2	40,125	2	29,628	2	19,316	2	8,827		
1/4	60,898	1/4	50,402	1/4	39,906	1/4	29,410	1/4	19,100	1/4	8,608		
1/2	60,680	1/2	50,183	1/2	39,687	1/2	29,191	1/2	18,883	1/2	8,389		
3/4	60,461	3/4	49,965	3/4	39,469	3/4	28,972	3/4	18,667	3/4	8,171		
3	60,242	3	49,746	3	39,250	3	28,754	3	18,448	3	7,952		
1/4	60,024	1/4	49,527	1/4	39,031	1/4	28,535	1/4	18,230	1/4	7,733		
1/2	59,805	1/2	49,309	1/2	38,813	1/2	28,316	1/2	18,011	1/2	7,515		
3/4	59,586	3/4	49,090	3/4	38,594	3/4	28,098	3/4	17,792	3/4	7,296		
4	59,368	4	48,871	4	38,375	4	27,879	4	17,573	4	7,077		
1/4	59,149	1/4	48,653	1/4	38,157	1/4	27,660	1/4	17,355	1/4	6,859		
1/2	58,930	1/2	48,434	1/2	37,938	1/2	27,442	1/2	17,136	1/2	6,640		
3/4	58,712	3/4	48,215	3/4	37,719	3/4	27,223	3/4	16,917	3/4	6,421		
5	58,493	5	47,997	5	37,501	5	27,004	5	16,699	5	6,203		
1/4	58,274	1/4	47,778	1/4	37,282	1/4	26,786	1/4	16,480	1/4	5,984		
1/2	58,056	1/2	47,559	1/2	37,063	1/2	26,567	1/2	16,261	1/2	5,766		
3/4	57,837	3/4	47,341	3/4	36,845	3/4	26,348	3/4	16,043	3/4	5,547		
6	57,618	6	47,122	6	36,626	6	26,133	6	15,824	6	5,329		
1/4	57,400	1/4	46,903	1/4	36,407	1/4	25,919	1/4	15,605	1/4	5,111		
1/2	57,181	1/2	46,685	1/2	36,189	1/2	25,704	1/2	15,387	1/2	4,893		
3/4	56,962	3/4	46,466	3/4	35,970	3/4	25,489	3/4	15,168	3/4	4,675		
7	56,744	7	46,247	7	35,751	7	25,276	7	14,949	7	4,457		
1/4	56,525	1/4	46,029	1/4	35,533	1/4	25,063	1/4	14,731	1/4	4,240		
1/2	56,306	1/2	45,810	1/2	35,314	1/2	24,851	1/2	14,512	1/2	4,022		
3/4	56,088	3/4	45,591	3/4	35,095	3/4	24,638	3/4	14,293	3/4	3,805		
8	55,869	8	45,373	8	34,877	8	24,425	8	14,075	8	3,588		
1/4	55,650	1/4	45,154	1/4	34,658	1/4	24,212	1/4	13,856	1/4	3,372		
1/2	55,432	1/2	44,935	1/2	34,439	1/2	24,000	1/2	13,637	1/2	3,155		
3/4	55,213	3/4	44,717	3/4	34,221	3/4	23,787	3/4	13,419	3/4	2,939		
9	54,994	9	44,498	9	34,002	9	23,574	9	13,200	9	2,724		
1/4	54,776	1/4	44,279	1/4	33,783	1/4	23,362	1/4	12,981	1/4	2,509		
1/2	54,557	1/2	44,061	1/2	33,565	1/2	23,149	1/2	12,763	1/2	2,295		
3/4	54,338	3/4	43,842	3/4	33,346	3/4	22,936	3/4	12,544	3/4	2,080		
10	54,119	10	43,623	10	33,127	10	22,723	10	12,325	10	1,880		
1/4	53,901	1/4	43,405	1/4	32,909	1/4	22,511	1/4	12,107	1/4	1,681		
1/2	53,682	1/2	43,186	1/2	32,690	1/2	22,298	1/2	11,888	1/2	1,481		
3/4	53,463	3/4	42,967	3/4	32,471	3/4	22,085	3/4	11,669	3/4	1,282		
11	53,245	11	42,749	11	32,252	11	21,873	11	11,451	11	1,125		
1/4	53,026	1/4	42,530	1/4	32,034	1/4	21,660	1/4	11,232	1/4	968		
1/2	52,807	1/2	42,311	1/2	31,815	1/2	21,447	1/2	11,013	1/2	811		
3/4	52,589	3/4	42,093	3/4	31,596	3/4	21,234	3/4	10,795	3/4	654		

GAUGE LOCATED 27'-4" FROM AFT BULKHEAD AND  
1'-3" FROM CENTERLINE BULKHEAD

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00

CHART IS CERTIFIED FOR THIS TANK ONLY.  
COMPUTED BY: JW 02/28/00  
STRAPPED BY: CJKP 02/22/00

SAYBOLT INC.

**MMC GAUGE HEIGHT 16'-1 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	150,298	0	140,156	0	129,389	0	118,574	0	107,758	0	96,943	0	86,128	0	75,312	0	64,497	0
1/4	1/4	150,181	1/4	139,932	1/4	129,164	1/4	118,348	1/4	107,533	1/4	96,718	1/4	85,902	1/4	75,087	1/4	64,271	1/4
1/2	1/2	150,026	1/2	139,708	1/2	128,939	1/2	118,123	1/2	107,308	1/2	96,494	1/2	85,677	1/2	74,862	1/2	64,046	1/2
3/4	3/4	149,871	3/4	139,484	3/4	128,713	3/4	117,898	3/4	107,082	3/4	96,267	3/4	85,452	3/4	74,636	3/4	63,821	3/4
1	1	149,716	1	139,259	1	128,488	1	117,673	1	106,857	1	96,042	1	85,226	1	74,411	1	63,596	1
1/4	1/4	149,562	1/4	139,035	1/4	128,263	1/4	117,447	1/4	106,632	1/4	95,816	1/4	85,001	1/4	74,186	1/4	63,371	1/4
1/2	1/2	149,369	1/2	138,811	1/2	128,037	1/2	117,222	1/2	106,407	1/2	95,591	1/2	84,776	1/2	73,960	1/2	63,146	1/2
3/4	3/4	149,177	3/4	138,587	3/4	127,812	3/4	116,997	3/4	106,181	3/4	95,366	3/4	84,550	3/4	73,735	3/4	62,921	3/4
2	2	148,984	2	138,363	2	127,587	2	116,771	2	105,956	2	95,141	2	84,325	2	73,510	2	62,696	2
1/4	1/4	148,792	1/4	138,139	1/4	127,362	1/4	116,546	1/4	105,731	1/4	94,915	1/4	84,100	1/4	73,284	1/4	62,471	1/4
1/2	1/2	148,575	1/2	137,915	1/2	127,136	1/2	116,321	1/2	105,505	1/2	94,690	1/2	83,875	1/2	73,059	1/2	62,246	1/2
3/4	3/4	148,358	3/4	137,690	3/4	126,911	3/4	116,095	3/4	105,280	3/4	94,465	3/4	83,649	3/4	72,834	3/4	62,021	3/4
3	3	148,141	3	137,466	3	126,685	3	115,870	3	105,055	3	94,239	3	83,424	3	72,609	3	61,796	3
1/4	1/4	147,924	1/4	137,242	1/4	126,460	1/4	115,645	1/4	104,829	1/4	94,014	1/4	83,199	1/4	72,383	1/4	61,571	1/4
1/2	1/2	147,699	1/2	137,018	1/2	126,235	1/2	115,419	1/2	104,604	1/2	93,789	1/2	82,973	1/2	72,158	1/2	61,346	1/2
3/4	3/4	147,475	3/4	136,794	3/4	126,009	3/4	115,194	3/4	104,379	3/4	93,563	3/4	82,748	3/4	71,933	3/4	61,121	3/4
4	4	147,251	4	136,570	4	125,784	4	114,969	4	104,153	4	93,338	4	82,523	4	71,707	4	60,896	4
1/4	1/4	147,026	1/4	136,346	1/4	125,559	1/4	114,743	1/4	103,928	1/4	93,113	1/4	82,297	1/4	71,482	1/4	60,671	1/4
1/2	1/2	146,801	1/2	136,122	1/2	125,333	1/2	114,518	1/2	103,703	1/2	92,887	1/2	82,072	1/2	71,257	1/2	60,446	1/2
3/4	3/4	146,576	3/4	135,897	3/4	125,108	3/4	114,293	3/4	103,477	3/4	92,662	3/4	81,847	3/4	71,031	3/4	60,221	3/4
5	5	146,351	5	135,673	5	124,883	5	114,067	5	103,252	5	92,437	5	81,621	5	70,806	5	59,996	5
1/4	1/4	146,126	1/4	135,449	1/4	124,657	1/4	113,842	1/4	103,027	1/4	92,211	1/4	81,396	1/4	70,581	1/4	59,771	1/4
1/2	1/2	145,904	1/2	135,225	1/2	124,432	1/2	113,617	1/2	102,801	1/2	91,986	1/2	81,171	1/2	70,356	1/2	59,546	1/2
3/4	3/4	145,682	3/4	135,001	3/4	124,207	3/4	113,391	3/4	102,576	3/4	91,761	3/4	80,945	3/4	70,130	3/4	59,321	3/4
6	6	145,460	6	134,777	6	123,981	6	113,166	6	102,351	6	91,535	6	80,720	6	69,905	6	59,096	6
1/4	1/4	145,238	1/4	134,553	1/4	123,756	1/4	112,941	1/4	102,125	1/4	91,310	1/4	80,495	1/4	69,679	1/4	58,871	1/4
1/2	1/2	145,018	1/2	134,328	1/2	123,531	1/2	112,715	1/2	101,900	1/2	91,085	1/2	80,269	1/2	69,454	1/2	58,646	1/2
3/4	3/4	144,798	3/4	134,104	3/4	123,306	3/4	112,490	3/4	101,675	3/4	90,859	3/4	80,044	3/4	69,229	3/4	58,421	3/4
7	7	144,578	7	133,880	7	123,080	7	112,265	7	101,449	7	90,634	7	79,819	7	69,003	7	58,196	7
1/4	1/4	144,358	1/4	133,656	1/4	122,855	1/4	112,040	1/4	101,224	1/4	90,409	1/4	79,593	1/4	68,778	1/4	57,971	1/4
1/2	1/2	144,138	1/2	133,432	1/2	122,630	1/2	111,814	1/2	100,999	1/2	90,183	1/2	79,368	1/2	68,553	1/2	57,746	1/2
3/4	3/4	143,918	3/4	133,208	3/4	122,404	3/4	111,589	3/4	100,774	3/4	89,958	3/4	79,143	3/4	68,327	3/4	57,521	3/4
8	8	143,698	8	132,984	8	122,179	8	111,364	8	100,548	8	89,733	8	78,917	8	68,102	8	57,296	8
1/4	1/4	143,478	1/4	132,759	1/4	121,954	1/4	111,138	1/4	100,323	1/4	89,508	1/4	78,692	1/4	67,877	1/4	57,071	1/4
1/2	1/2	143,258	1/2	132,535	1/2	121,728	1/2	110,913	1/2	100,098	1/2	89,282	1/2	78,467	1/2	67,651	1/2	56,846	1/2
3/4	3/4	143,038	3/4	132,311	3/4	121,503	3/4	110,688	3/4	99,872	3/4	89,057	3/4	78,242	3/4	67,426	3/4	56,621	3/4
9	9	142,818	9	132,087	9	121,278	9	110,462	9	99,647	9	88,832	9	78,016	9	67,201	9	56,396	9
1/4	1/4	142,598	1/4	131,863	1/4	121,052	1/4	110,237	1/4	99,422	1/4	88,606	1/4	77,791	1/4	66,976	1/4	56,171	1/4
1/2	1/2	142,379	1/2	131,639	1/2	120,827	1/2	110,012	1/2	99,196	1/2	88,381	1/2	77,566	1/2	66,750	1/2	55,946	1/2
3/4	3/4	142,159	3/4	131,415	3/4	120,602	3/4	109,786	3/4	98,971	3/4	88,156	3/4	77,340	3/4	66,525	3/4	55,721	3/4
10	10	141,939	10	131,190	10	120,376	10	109,561	10	98,746	10	87,930	10	77,115	10	66,300	10	55,496	10
1/4	1/4	141,719	1/4	130,966	1/4	120,151	1/4	109,336	1/4	98,520	1/4	87,705	1/4	76,890	1/4	66,074	1/4	55,271	1/4
1/2	1/2	141,496	1/2	130,741	1/2	119,926	1/2	109,110	1/2	98,295	1/2	87,480	1/2	76,664	1/2	65,849	1/2	55,046	1/2
3/4	3/4	141,274	3/4	130,516	3/4	119,700	3/4	108,885	3/4	98,070	3/4	87,254	3/4	76,439	3/4	65,624	3/4	54,821	3/4
11	11	141,051	11	130,290	11	119,475	11	108,660	11	97,844	11	87,029	11	76,214	11	65,398	11	54,596	11
1/4	1/4	140,828	1/4	130,065	1/4	119,250	1/4	108,434	1/4	97,619	1/4	86,804	1/4	75,988	1/4	65,173	1/4	54,371	1/4
1/2	1/2	140,604	1/2	129,840	1/2	119,024	1/2	108,209	1/2	97,394	1/2	86,578	1/2	75,763	1/2	64,948	1/2	54,146	1/2
3/4	3/4	140,380	3/4	129,614	3/4	118,799	3/4	107,984	3/4	97,168	3/4	86,353	3/4	75,538	3/4	64,722	3/4	53,921	3/4

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 02/28/00  
STRAPPED BY: CJ-KP 02/22/00

SAYBOLT INC.

GAUGE LOCATED 29'-6" FROM AFT BULKHEAD AND  
1'-3" FROM CENTERLINE BULKHEAD

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00

COMPUTED IN U.S. GALLONS

MMC GAUGE HEIGHT 16'-1 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	64.497	0	53.682	0	42.866	0	32.051	0	21.257	0	10.447	0	356
1/4	64.272	1/4	53.456	1/4	42.641	1/4	31.826	1/4	21.032	1/4	10.221	1/4	250
1/2	64.046	1/2	53.231	1/2	42.416	1/2	31.600	1/2	20.808	1/2	9.996	1/2	201
3/4	63.821	3/4	53.006	3/4	42.190	3/4	31.375	3/4	20.583	3/4	9.771	3/4	152
1	63.596	1	52.780	1	41.965	1	31.150	1	20.359	1	9.546	1	102
1/4	63.370	1/4	52.555	1/4	41.740	1/4	30.924	1/4	20.135	1/4	9.320	1/4	53
1/2	63.145	1/2	52.330	1/2	41.514	1/2	30.699	1/2	19.909	1/2	9.095		
3/4	62.920	3/4	52.104	3/4	41.289	3/4	30.474	3/4	19.684	3/4	8.870		
2	62.694	2	51.879	2	41.064	2	30.248	2	19.459	2	8.644		
1/4	62.469	1/4	51.654	1/4	40.838	1/4	30.023	1/4	19.234	1/4	8.419		
1/2	62.244	1/2	51.428	1/2	40.613	1/2	29.798	1/2	19.009	1/2	8.194		
3/4	62.018	3/4	51.203	3/4	40.388	3/4	29.572	3/4	18.784	3/4	7.968		
3	61.793	3	50.978	3	40.162	3	29.347	3	18.558	3	7.743		
1/4	61.568	1/4	50.752	1/4	39.937	1/4	29.122	1/4	18.333	1/4	7.518		
1/2	61.343	1/2	50.527	1/2	39.712	1/2	28.896	1/2	18.108	1/2	7.292		
3/4	61.117	3/4	50.302	3/4	39.486	3/4	28.671	3/4	17.882	3/4	7.067		
4	60.892	4	50.077	4	39.261	4	28.446	4	17.657	4	6.842		
1/4	60.667	1/4	49.851	1/4	39.036	1/4	28.220	1/4	17.432	1/4	6.616		
1/2	60.441	1/2	49.626	1/2	38.811	1/2	27.995	1/2	17.206	1/2	6.391		
3/4	60.216	3/4	49.401	3/4	38.585	3/4	27.770	3/4	16.981	3/4	6.166		
5	59.991	5	49.175	5	38.360	5	27.545	5	16.756	5	5.941		
1/4	59.765	1/4	48.950	1/4	38.135	1/4	27.319	1/4	16.530	1/4	5.716		
1/2	59.540	1/2	48.725	1/2	37.909	1/2	27.094	1/2	16.305	1/2	5.491		
3/4	59.315	3/4	48.499	3/4	37.684	3/4	26.870	3/4	16.080	3/4	5.266		
6	59.089	6	48.274	6	37.459	6	26.645	6	15.854	6	5.041		
1/4	58.864	1/4	48.049	1/4	37.233	1/4	26.420	1/4	15.629	1/4	4.817		
1/2	58.639	1/2	47.823	1/2	37.008	1/2	26.195	1/2	15.404	1/2	4.592		
3/4	58.413	3/4	47.598	3/4	36.783	3/4	25.971	3/4	15.179	3/4	4.368		
7	58.188	7	47.373	7	36.557	7	25.747	7	14.953	7	4.144		
1/4	57.963	1/4	47.147	1/4	36.332	1/4	25.522	1/4	14.728	1/4	3.920		
1/2	57.737	1/2	46.922	1/2	36.107	1/2	25.298	1/2	14.503	1/2	3.697		
3/4	57.512	3/4	46.697	3/4	35.881	3/4	25.073	3/4	14.277	3/4	3.474		
8	57.287	8	46.471	8	35.656	8	24.849	8	14.052	8	3.251		
1/4	57.061	1/4	46.246	1/4	35.431	1/4	24.624	1/4	13.827	1/4	3.028		
1/2	56.836	1/2	46.021	1/2	35.205	1/2	24.400	1/2	13.601	1/2	2.807		
3/4	56.611	3/4	45.795	3/4	34.980	3/4	24.175	3/4	13.376	3/4	2.585		
9	56.385	9	45.570	9	34.755	9	23.951	9	13.151	9	2.364		
1/4	56.160	1/4	45.345	1/4	34.529	1/4	23.726	1/4	12.925	1/4	2.143		
1/2	55.935	1/2	45.119	1/2	34.304	1/2	23.502	1/2	12.700	1/2	1.937		
3/4	55.710	3/4	44.894	3/4	34.079	3/4	23.277	3/4	12.475	3/4	1.731		
10	55.484	10	44.669	10	33.853	10	23.053	10	12.249	10	1.526		
1/4	55.259	1/4	44.444	1/4	33.628	1/4	22.828	1/4	12.024	1/4	1.320		
1/2	55.034	1/2	44.218	1/2	33.403	1/2	22.604	1/2	11.799	1/2	1.158		
3/4	54.808	3/4	43.993	3/4	33.178	3/4	22.379	3/4	11.573	3/4	997		
11	54.583	11	43.768	11	32.952	11	22.155	11	11.348	11	835		
1/4	54.358	1/4	43.542	1/4	32.727	1/4	21.930	1/4	11.123	1/4	673		
1/2	54.132	1/2	43.317	1/2	32.502	1/2	21.706	1/2	10.897	1/2	567		
3/4	53.907	3/4	43.092	3/4	32.276	3/4	21.481	3/4	10.672	3/4	462		

CHART IS CERTIFIED FOR THIS TANK ONLY.  
COMPUTED BY: JW 02/28/00  
STRAPPED BY: CJ-KP 02/22/00  
SAYBOLT INC.

GAUGE LOCATED 28'-6" FROM AFT BULKHEAD AND  
1'-3" FROM CENTERLINE BULKHEAD

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/00