

BARGE TTT 320

1 PORT

ULLAGE TABLE
BARRELS
HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-2-1/8"

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		0	2,265.85	0	2,088.42	0	1,910.75	0	1,732.72	0	1,554.50	0	1,376.27		
1/4		1/4		1/4		5/16	2,403.08	1/4	2,262.16	1/4	2,084.72	1/4	1,907.05	1/4	1,729.01	1/4	1,550.79	1/4	1,372.56
1/2		1/2		1/2		1/2	2,402.63	1/2	2,258.48	1/2	2,081.02	1/2	1,903.35	1/2	1,725.29	1/2	1,547.07	1/2	1,368.84
3/4		3/4		3/4		3/4	2,402.02	3/4	2,254.79	3/4	2,077.31	3/4	1,899.65	3/4	1,721.58	3/4	1,543.36	3/4	1,365.13
1		1		1		1	2,401.42	1	2,251.10	1	2,073.61	1	1,895.96	1	1,717.87	1	1,539.65	1	1,361.41
1/4		1/4		1/4		1/4	2,400.50	1/4	2,247.41	1/4	2,069.91	1/4	1,892.26	1/4	1,714.15	1/4	1,535.93	1/4	1,357.70
1/2		1/2		1/2		1/2	2,399.28	1/2	2,243.72	1/2	2,066.21	1/2	1,888.56	1/2	1,710.44	1/2	1,532.22	1/2	1,353.98
3/4		3/4		3/4		3/4	2,398.05	3/4	2,240.03	3/4	2,062.50	3/4	1,884.86	3/4	1,706.73	3/4	1,528.51	3/4	1,350.27
2		2		2		2	2,396.83	2	2,236.34	2	2,058.80	2	1,881.17	2	1,703.01	2	1,524.80	2	1,346.55
1/4		1/4		1/4		1/4	2,395.30	1/4	2,232.66	1/4	2,055.10	1/4	1,877.47	1/4	1,699.30	1/4	1,521.08	1/4	1,342.83
1/2		1/2		1/2		1/2	2,393.45	1/2	2,228.97	1/2	2,051.40	1/2	1,873.77	1/2	1,695.59	1/2	1,517.37	1/2	1,339.12
3/4		3/4		3/4		3/4	2,391.61	3/4	2,225.28	3/4	2,047.69	3/4	1,870.07	3/4	1,691.88	3/4	1,513.66	3/4	1,335.40
3		3		3		3	2,389.77	3	2,221.59	3	2,043.99	3	1,866.38	3	1,688.16	3	1,509.94	3	1,331.69
1/4		1/4		1/4		1/4	2,387.61	1/4	2,217.90	1/4	2,040.29	1/4	1,862.67	1/4	1,684.45	1/4	1,506.23	1/4	1,327.97
1/2		1/2		1/2		1/2	2,385.15	1/2	2,214.21	1/2	2,036.59	1/2	1,858.96	1/2	1,680.74	1/2	1,502.52	1/2	1,324.26
3/4		3/4		3/4		3/4	2,382.69	3/4	2,210.52	3/4	2,032.88	3/4	1,855.24	3/4	1,677.02	3/4	1,498.81	3/4	1,320.54
4		4		4		4	2,380.23	4	2,206.84	4	2,029.18	4	1,851.53	4	1,673.31	4	1,495.09	4	1,316.83
1/4		1/4		1/4		1/4	2,377.46	1/4	2,203.15	1/4	2,025.48	1/4	1,847.82	1/4	1,669.60	1/4	1,491.38	1/4	1,313.11
1/2		1/2		1/2		1/2	2,374.38	1/2	2,199.46	1/2	2,021.78	1/2	1,844.11	1/2	1,665.89	1/2	1,487.67	1/2	1,309.40
3/4		3/4		3/4		3/4	2,371.30	3/4	2,195.77	3/4	2,018.07	3/4	1,840.39	3/4	1,662.17	3/4	1,483.95	3/4	1,305.68
5		5		5		5	2,368.22	5	2,192.08	5	2,014.37	5	1,836.68	5	1,658.46	5	1,480.24	5	1,301.97
1/4		1/4		1/4		1/4	2,364.91	1/4	2,188.39	1/4	2,010.67	1/4	1,832.97	1/4	1,654.75	1/4	1,476.53	1/4	1,298.25
1/2		1/2		1/2		1/2	2,361.38	1/2	2,184.68	1/2	2,006.97	1/2	1,829.25	1/2	1,651.03	1/2	1,472.82	1/2	1,294.54
3/4		3/4		3/4		3/4	2,357.84	3/4	2,180.98	3/4	2,003.27	3/4	1,825.54	3/4	1,647.32	3/4	1,469.10	3/4	1,290.82
6		6		6		6	2,354.30	6	2,177.28	6	1,999.56	6	1,821.83	6	1,643.61	6	1,465.39	6	1,287.11
1/4		1/4		1/4		1/4	2,350.69	1/4	2,173.58	1/4	1,995.86	1/4	1,818.11	1/4	1,639.90	1/4	1,461.68	1/4	1,283.39
1/2		1/2		1/2		1/2	2,347.00	1/2	2,169.87	1/2	1,992.16	1/2	1,814.40	1/2	1,636.18	1/2	1,457.96	1/2	1,279.68
3/4		3/4		3/4		3/4	2,343.31	3/4	2,166.17	3/4	1,988.46	3/4	1,810.69	3/4	1,632.47	3/4	1,454.25	3/4	1,275.96
7		7		7		7	2,339.63	7	2,162.47	7	1,984.75	7	1,806.98	7	1,628.76	7	1,450.54	7	1,272.25
1/4		1/4		1/4		1/4	2,335.94	1/4	2,158.77	1/4	1,981.05	1/4	1,803.26	1/4	1,625.04	1/4	1,446.82	1/4	1,268.53
1/2		1/2		1/2		1/2	2,332.25	1/2	2,155.06	1/2	1,977.35	1/2	1,799.55	1/2	1,621.33	1/2	1,443.11	1/2	1,264.82
3/4		3/4		3/4		3/4	2,328.56	3/4	2,151.36	3/4	1,973.65	3/4	1,795.84	3/4	1,617.62	3/4	1,439.40	3/4	1,261.10
8		8		8		8	2,324.87	8	2,147.66	8	1,969.94	8	1,792.12	8	1,613.91	8	1,435.68	8	1,257.39
1/4		1/4		1/4		1/4	2,321.18	1/4	2,143.96	1/4	1,966.24	1/4	1,788.41	1/4	1,610.19	1/4	1,431.97	1/4	1,253.67
1/2		1/2		1/2		1/2	2,317.49	1/2	2,140.25	1/2	1,962.54	1/2	1,784.70	1/2	1,606.48	1/2	1,428.26	1/2	1,249.96
3/4		3/4		3/4		3/4	2,313.81	3/4	2,136.55	3/4	1,958.84	3/4	1,780.99	3/4	1,602.77	3/4	1,424.54	3/4	1,246.24
9		9		9		9	2,310.12	9	2,132.85	9	1,955.13	9	1,777.27	9	1,599.05	9	1,420.83	9	1,242.53
1/4		1/4		1/4		1/4	2,306.43	1/4	2,129.15	1/4	1,951.43	1/4	1,773.56	1/4	1,595.34	1/4	1,417.12	1/4	1,238.81
1/2		1/2		1/2		1/2	2,302.74	1/2	2,125.44	1/2	1,947.73	1/2	1,769.85	1/2	1,591.63	1/2	1,413.40	1/2	1,235.10
3/4		3/4		3/4		3/4	2,299.05	3/4	2,121.74	3/4	1,944.03	3/4	1,766.13	3/4	1,587.91	3/4	1,409.69	3/4	1,231.38
10		10		10		10	2,295.36	10	2,118.04	10	1,940.33	10	1,762.42	10	1,584.20	10	1,405.98	10	1,227.67
1/4		1/4		1/4		1/4	2,291.67	1/4	2,114.34	1/4	1,936.63	1/4	1,758.71	1/4	1,580.49	1/4	1,402.26	1/4	1,223.95
1/2		1/2		1/2		1/2	2,287.99	1/2	2,110.63	1/2	1,932.93	1/2	1,755.00	1/2	1,576.78	1/2	1,398.55	1/2	1,220.24
3/4		3/4		3/4		3/4	2,284.30	3/4	2,106.93	3/4	1,929.23	3/4	1,751.28	3/4	1,573.06	3/4	1,394.84	3/4	1,216.52
11		11		11		11	2,280.61	11	2,103.23	11	1,925.53	11	1,747.57	11	1,569.35	11	1,391.12	11	1,212.81
1/4		1/4		1/4		1/4	2,276.92	1/4	2,099.53	1/4	1,921.84	1/4	1,743.86	1/4	1,565.64	1/4	1,387.41	1/4	1,209.09
1/2		1/2		1/2		1/2	2,273.23	1/2	2,095.83	1/2	1,918.14	1/2	1,740.14	1/2	1,561.92	1/2	1,383.70	1/2	1,205.38
3/4		3/4		3/4		3/4	2,269.54	3/4	2,092.12	3/4	1,914.44	3/4	1,736.43	3/4	1,558.21	3/4	1,379.98	3/4	1,201.66

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-1" OFF CENTERLINE AND 18'-8" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH FEB. 20-21, 2008
STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endreas

HERMETIC GAUGE HEIGHT 17'-2-1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	1,197.95	0	1,019.62	0	841.30	0	662.97	0	484.95	0	308.08	0	142.91	0	33.17
1/4	1,194.23	1/4	1,015.91	1/4	837.58	1/4	659.26	1/4	481.28	1/4	304.36	1/4	140.01	1/4	31.52
1/2	1,190.52	1/2	1,012.19	1/2	833.87	1/2	655.54	1/2	477.61	1/2	300.65	1/2	137.16	1/2	29.92
3/4	1,186.80	3/4	1,008.48	3/4	830.15	3/4	651.83	3/4	473.94	3/4	296.94	3/4	134.31	3/4	28.33
1	1,183.09	1	1,004.76	1	826.44	1	648.11	1	470.27	1	293.22	1	131.47	1	26.73
1/4	1,179.37	1/4	1,001.05	1/4	822.72	1/4	644.40	1/4	466.60	1/4	289.51	1/4	128.67	1/4	25.19
1/2	1,175.66	1/2	997.33	1/2	819.01	1/2	640.68	1/2	462.93	1/2	285.80	1/2	125.93	1/2	23.70
3/4	1,171.94	3/4	993.62	3/4	815.29	3/4	636.97	3/4	459.26	3/4	282.09	3/4	123.19	3/4	22.21
2	1,168.23	2	989.90	2	811.58	2	633.25	2	455.59	2	278.38	2	120.45	2	20.71
1/4	1,164.51	1/4	986.19	1/4	807.86	1/4	629.54	1/4	451.92	1/4	274.68	1/4	117.76	1/8	19.97
1/2	1,160.79	1/2	982.47	1/2	804.15	1/2	625.82	1/2	448.25	1/2	270.98	1/2	115.12		
3/4	1,157.08	3/4	978.76	3/4	800.43	3/4	622.11	3/4	444.58	3/4	267.29	3/4	112.48		
3	1,153.36	3	975.04	3	796.72	3	618.39	3	440.91	3	263.60	3	109.84		
1/4	1,149.65	1/4	971.32	1/4	793.00	1/4	614.68	1/4	437.24	1/4	259.92	1/4	107.26		
1/2	1,145.93	1/2	967.61	1/2	789.28	1/2	610.96	1/2	433.57	1/2	256.26	1/2	104.72		
3/4	1,142.22	3/4	963.89	3/4	785.57	3/4	607.25	3/4	429.90	3/4	252.60	3/4	102.19		
4	1,138.50	4	960.18	4	781.85	4	603.53	4	426.23	4	248.93	4	99.66		
1/4	1,134.79	1/4	956.46	1/4	778.14	1/4	599.81	1/4	422.56	1/4	245.30	1/4	97.18		
1/2	1,131.07	1/2	952.75	1/2	774.42	1/2	596.10	1/2	418.89	1/2	241.69	1/2	94.75		
3/4	1,127.36	3/4	949.03	3/4	770.71	3/4	592.38	3/4	415.22	3/4	238.07	3/4	92.32		
5	1,123.64	5	945.32	5	766.99	5	588.67	5	411.55	5	234.46	5	89.89		
1/4	1,119.93	1/4	941.60	1/4	763.28	1/4	584.95	1/4	407.88	1/4	230.88	1/4	87.51		
1/2	1,116.21	1/2	937.89	1/2	759.56	1/2	581.24	1/2	404.21	1/2	227.34	1/2	85.18		
3/4	1,112.50	3/4	934.17	3/4	755.85	3/4	577.52	3/4	400.53	3/4	223.79	3/4	82.86		
6	1,108.78	6	930.46	6	752.13	6	573.81	6	396.86	6	220.24	6	80.53		
1/4	1,105.07	1/4	926.74	1/4	748.42	1/4	570.09	1/4	393.19	1/4	216.74	1/4	78.26		
1/2	1,101.35	1/2	923.03	1/2	744.70	1/2	566.38	1/2	389.52	1/2	213.27	1/2	76.04		
3/4	1,097.64	3/4	919.31	3/4	740.99	3/4	562.66	3/4	385.85	3/4	209.81	3/4	73.82		
7	1,093.92	7	915.60	7	737.27	7	558.95	7	382.18	7	206.34	7	71.60		
1/4	1,090.21	1/4	911.88	1/4	733.56	1/4	555.23	1/4	378.51	1/4	202.93	1/4	69.43		
1/2	1,086.49	1/2	908.17	1/2	729.84	1/2	551.52	1/2	374.83	1/2	199.56	1/2	67.31		
3/4	1,082.78	3/4	904.45	3/4	726.13	3/4	547.80	3/4	371.15	3/4	196.19	3/4	65.19		
8	1,079.06	8	900.74	8	722.41	8	544.09	8	367.47	8	192.82	8	63.08		
1/4	1,075.35	1/4	897.02	1/4	718.70	1/4	540.37	1/4	363.78	1/4	189.51	1/4	61.01		
1/2	1,071.63	1/2	893.31	1/2	714.98	1/2	536.66	1/2	360.06	1/2	186.25	1/2	59.00		
3/4	1,067.92	3/4	889.59	3/4	711.27	3/4	532.94	3/4	356.35	3/4	182.98	3/4	56.99		
9	1,064.20	9	885.88	9	707.55	9	529.23	9	352.64	9	179.72	9	54.98		
1/4	1,060.49	1/4	882.16	1/4	703.84	1/4	525.51	1/4	348.92	1/4	176.51	1/4	53.01		
1/2	1,056.77	1/2	878.45	1/2	700.12	1/2	521.80	1/2	345.21	1/2	173.35	1/2	51.11		
3/4	1,053.06	3/4	874.73	3/4	696.41	3/4	518.08	3/4	341.50	3/4	170.19	3/4	49.20		
10	1,049.34	10	871.02	10	692.69	10	514.37	10	337.78	10	167.03	10	47.29		
1/4	1,045.63	1/4	867.30	1/4	688.98	1/4	510.67	1/4	334.07	1/4	163.92	1/4	45.43		
1/2	1,041.91	1/2	863.59	1/2	685.26	1/2	507.00	1/2	330.36	1/2	160.87	1/2	43.63		
3/4	1,038.20	3/4	859.87	3/4	681.55	3/4	503.32	3/4	326.64	3/4	157.81	3/4	41.82		
11	1,034.48	11	856.16	11	677.83	11	499.64	11	322.93	11	154.76	11	40.02		
1/4	1,030.77	1/4	852.44	1/4	674.12	1/4	495.97	1/4	319.22	1/4	151.76	1/4	38.27		
1/2	1,027.05	1/2	848.73	1/2	670.40	1/2	492.29	1/2	315.50	1/2	148.81	1/2	36.57		
3/4	1,023.34	3/4	845.01	3/4	666.69	3/4	488.62	3/4	311.79	3/4	145.86	3/4	34.87		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-1" OFF CENTERLINE AND 18'-8" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

BARGE TTT 320

1 STAR
ULLAGE TABLE
BARRELS
HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-1 11/16"

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	0	0-3/16	2,402.34	0	2,261.19	0	2,083.74	0	1,906.07	0	1,728.02	0	1,549.80	0	1,371.57		
1/4	1/4	1/4	1/4	1/4	2,402.19	1/4	2,257.50	1/4	2,080.04	1/4	1,902.37	1/4	1,724.31	1/4	1,546.09	1/4	1,367.86		
1/2	1/2	1/2	1/2	1/2	2,401.60	1/2	2,253.81	1/2	2,076.33	1/2	1,898.67	1/2	1,720.60	1/2	1,542.38	1/2	1,364.14		
3/4	3/4	3/4	3/4	3/4	2,400.87	3/4	2,250.12	3/4	2,072.63	3/4	1,894.98	3/4	1,716.88	3/4	1,538.66	3/4	1,360.43		
1	1	1	1	1	2,399.74	1	2,246.43	1	2,068.93	1	1,891.28	1	1,713.17	1	1,534.95	1	1,356.71		
1/4	1/4	1/4	1/4	1/4	2,398.60	1/4	2,242.74	1/4	2,065.23	1/4	1,887.58	1/4	1,709.46	1/4	1,531.24	1/4	1,353.00		
1/2	1/2	1/2	1/2	1/2	2,397.47	1/2	2,239.06	1/2	2,061.52	1/2	1,883.88	1/2	1,705.75	1/2	1,527.53	1/2	1,349.28		
3/4	3/4	3/4	3/4	3/4	2,396.18	3/4	2,235.37	3/4	2,057.82	3/4	1,880.19	3/4	1,702.03	3/4	1,523.81	3/4	1,345.57		
2	2	2	2	2	2,394.43	2	2,231.68	2	2,054.12	2	1,876.49	2	1,698.32	2	1,520.10	2	1,341.85		
1/4	1/4	1/4	1/4	1/4	2,392.67	1/4	2,227.99	1/4	2,050.42	1/4	1,872.79	1/4	1,694.61	1/4	1,516.39	1/4	1,338.14		
1/2	1/2	1/2	1/2	1/2	2,390.92	1/2	2,224.30	1/2	2,046.71	1/2	1,869.10	1/2	1,690.89	1/2	1,512.67	1/2	1,334.42		
3/4	3/4	3/4	3/4	3/4	2,389.01	3/4	2,220.61	3/4	2,043.01	3/4	1,865.40	3/4	1,687.18	3/4	1,508.96	3/4	1,330.71		
3	3	3	3	3	2,386.64	3	2,216.92	3	2,039.31	3	1,861.68	3	1,683.47	3	1,505.25	3	1,326.99		
1/4	1/4	1/4	1/4	1/4	2,384.27	1/4	2,213.23	1/4	2,035.61	1/4	1,857.97	1/4	1,679.76	1/4	1,501.54	1/4	1,323.28		
1/2	1/2	1/2	1/2	1/2	2,381.89	1/2	2,209.55	1/2	2,031.90	1/2	1,854.26	1/2	1,676.04	1/2	1,497.82	1/2	1,319.56		
3/4	3/4	3/4	3/4	3/4	2,379.37	3/4	2,205.86	3/4	2,028.20	3/4	1,850.55	3/4	1,672.33	3/4	1,494.11	3/4	1,315.85		
4	4	4	4	4	2,376.37	4	2,202.17	4	2,024.50	4	1,846.84	4	1,668.62	4	1,490.40	4	1,312.13		
1/4	1/4	1/4	1/4	1/4	2,373.38	1/4	2,198.48	1/4	2,020.80	1/4	1,843.12	1/4	1,664.90	1/4	1,486.68	1/4	1,308.42		
1/2	1/2	1/2	1/2	1/2	2,370.39	1/2	2,194.79	1/2	2,017.09	1/2	1,839.41	1/2	1,661.19	1/2	1,482.97	1/2	1,304.70		
3/4	3/4	3/4	3/4	3/4	2,367.28	3/4	2,191.10	3/4	2,013.39	3/4	1,835.70	3/4	1,657.48	3/4	1,479.26	3/4	1,300.99		
5	5	5	5	5	2,363.80	5	2,187.40	5	2,009.69	5	1,831.98	5	1,653.76	5	1,475.55	5	1,297.27		
1/4	1/4	1/4	1/4	1/4	2,360.33	1/4	2,183.70	1/4	2,005.99	1/4	1,828.27	1/4	1,650.05	1/4	1,471.83	1/4	1,293.56		
1/2	1/2	1/2	1/2	1/2	2,356.85	1/2	2,180.00	1/2	2,002.28	1/2	1,824.56	1/2	1,646.34	1/2	1,468.12	1/2	1,289.84		
3/4	3/4	3/4	3/4	3/4	2,353.33	3/4	2,176.30	3/4	1,998.58	3/4	1,820.85	3/4	1,642.63	3/4	1,464.41	3/4	1,286.13		
6	6	6	6	6	2,349.66	6	2,172.60	6	1,994.88	6	1,817.13	6	1,638.91	6	1,460.69	6	1,282.41		
1/4	1/4	1/4	1/4	1/4	2,345.99	1/4	2,168.89	1/4	1,991.18	1/4	1,813.42	1/4	1,635.20	1/4	1,456.98	1/4	1,278.70		
1/2	1/2	1/2	1/2	1/2	2,342.32	1/2	2,165.19	1/2	1,987.48	1/2	1,809.71	1/2	1,631.49	1/2	1,453.27	1/2	1,274.98		
3/4	3/4	3/4	3/4	3/4	2,338.65	3/4	2,161.49	3/4	1,983.77	3/4	1,805.99	3/4	1,627.77	3/4	1,449.56	3/4	1,271.27		
7	7	7	7	7	2,334.96	7	2,157.79	7	1,980.07	7	1,802.28	7	1,624.06	7	1,445.84	7	1,267.55		
1/4	1/4	1/4	1/4	1/4	2,331.27	1/4	2,154.08	1/4	1,976.37	1/4	1,798.57	1/4	1,620.35	1/4	1,442.13	1/4	1,263.83		
1/2	1/2	1/2	1/2	1/2	2,327.58	1/2	2,150.38	1/2	1,972.67	1/2	1,794.85	1/2	1,616.64	1/2	1,438.42	1/2	1,260.12		
3/4	3/4	3/4	3/4	3/4	2,323.89	3/4	2,146.68	3/4	1,968.96	3/4	1,791.14	3/4	1,612.92	3/4	1,434.70	3/4	1,256.40		
8	8	8	8	8	2,320.20	8	2,142.98	8	1,965.26	8	1,787.43	8	1,609.21	8	1,430.99	8	1,252.69		
1/4	1/4	1/4	1/4	1/4	2,316.52	1/4	2,139.27	1/4	1,961.56	1/4	1,783.72	1/4	1,605.50	1/4	1,427.28	1/4	1,248.97		
1/2	1/2	1/2	1/2	1/2	2,312.83	1/2	2,135.57	1/2	1,957.86	1/2	1,780.00	1/2	1,601.78	1/2	1,423.56	1/2	1,245.26		
3/4	3/4	3/4	3/4	3/4	2,309.14	3/4	2,131.87	3/4	1,954.15	3/4	1,776.29	3/4	1,598.07	3/4	1,419.85	3/4	1,241.54		
9	9	9	9	9	2,305.45	9	2,128.17	9	1,950.45	9	1,772.58	9	1,594.36	9	1,416.13	9	1,237.83		
1/4	1/4	1/4	1/4	1/4	2,301.76	1/4	2,124.46	1/4	1,946.75	1/4	1,768.86	1/4	1,590.65	1/4	1,412.42	1/4	1,234.11		
1/2	1/2	1/2	1/2	1/2	2,298.07	1/2	2,120.76	1/2	1,943.05	1/2	1,765.15	1/2	1,586.93	1/2	1,408.71	1/2	1,230.40		
3/4	3/4	3/4	3/4	3/4	2,294.38	3/4	2,117.06	3/4	1,939.34	3/4	1,761.44	3/4	1,583.22	3/4	1,404.99	3/4	1,226.68		
10	10	10	10	10	2,290.70	10	2,113.36	10	1,935.65	10	1,757.73	10	1,579.51	10	1,401.28	10	1,222.97		
1/4	1/4	1/4	1/4	1/4	2,287.01	1/4	2,109.65	1/4	1,931.95	1/4	1,754.01	1/4	1,575.79	1/4	1,397.57	1/4	1,219.25		
1/2	1/2	1/2	1/2	1/2	2,283.32	1/2	2,105.95	1/2	1,928.25	1/2	1,750.30	1/2	1,572.08	1/2	1,393.85	1/2	1,215.54		
3/4	3/4	3/4	3/4	3/4	2,279.63	3/4	2,102.25	3/4	1,924.55	3/4	1,746.59	3/4	1,568.37	3/4	1,390.14	3/4	1,211.82		
11	11	11	11	11	2,275.94	11	2,098.55	11	1,920.86	11	1,742.87	11	1,564.66	11	1,386.43	11	1,208.11		
1/4	1/4	1/4	1/4	1/4	2,272.25	1/4	2,094.84	1/4	1,917.16	1/4	1,739.16	1/4	1,560.94	1/4	1,382.71	1/4	1,204.39		
1/2	1/2	1/2	1/2	1/2	2,268.56	1/2	2,091.14	1/2	1,913.46	1/2	1,735.45	1/2	1,557.23	1/2	1,379.00	1/2	1,200.68		
3/4	3/4	3/4	3/4	3/4	2,264.88	3/4	2,087.44	3/4	1,909.77	3/4	1,731.74	3/4	1,553.52	3/4	1,375.29	3/4	1,196.96		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-6" OFF CENTERLINE AND 18'-10" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

D. Endress

BARGE TTT 320

1 STAR
 ULLAGE TABLE
 BARRELS
 HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-1 11/16"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	1,193.25	0	1,014.92	0	836.60	0	658.27	0	480.35	0	303.56	0	139.45	0	31.24
1/4	1,189.53	1/4	1,011.21	1/4	832.88	1/4	654.56	1/4	476.68	1/4	299.85	1/4	136.59	1/4	29.63
1/2	1,185.82	1/2	1,007.49	1/2	829.17	1/2	650.84	1/2	473.01	1/2	296.13	1/2	133.72	1/2	28.02
3/4	1,182.10	3/4	1,003.78	3/4	825.45	3/4	647.13	3/4	469.35	3/4	292.42	3/4	130.89	3/4	26.43
1	1,178.39	1	1,000.06	1	821.74	1	643.41	1	465.68	1	288.71	1	128.13	1	24.93
1/4	1,174.67	1/4	996.35	1/4	818.02	1/4	639.70	1/4	462.02	1/4	285.00	1/4	125.38	1/4	23.42
1/2	1,170.96	1/2	992.63	1/2	814.31	1/2	635.98	1/2	458.35	1/2	281.29	1/2	122.62	1/2	21.92
3/4	1,167.24	3/4	988.92	3/4	810.59	3/4	632.27	3/4	454.68	3/4	277.58	3/4	119.89	11/16	20.79
2	1,163.53	2	985.20	2	806.88	2	628.55	2	451.02	2	273.89	2	117.24		
1/4	1,159.81	1/4	981.49	1/4	803.16	1/4	624.84	1/4	447.35	1/4	270.19	1/4	114.59		
1/2	1,156.10	1/2	977.77	1/2	799.45	1/2	621.12	1/2	443.68	1/2	266.50	1/2	111.94		
3/4	1,152.38	3/4	974.06	3/4	795.73	3/4	617.41	3/4	440.02	3/4	262.81	3/4	109.31		
3	1,148.67	3	970.34	3	792.02	3	613.69	3	436.35	3	259.14	3	106.77		
1/4	1,144.95	1/4	966.63	1/4	788.30	1/4	609.98	1/4	432.69	1/4	255.48	1/4	104.22		
1/2	1,141.24	1/2	962.91	1/2	784.59	1/2	606.26	1/2	429.02	1/2	251.82	1/2	101.67		
3/4	1,137.52	3/4	959.20	3/4	780.87	3/4	602.55	3/4	425.35	3/4	248.16	3/4	99.15		
4	1,133.81	4	955.48	4	777.16	4	598.83	4	421.69	4	244.54	4	96.71		
1/4	1,130.09	1/4	951.77	1/4	773.44	1/4	595.12	1/4	418.02	1/4	240.93	1/4	94.26		
1/2	1,126.38	1/2	948.05	1/2	769.73	1/2	591.40	1/2	414.35	1/2	237.31	1/2	91.82		
3/4	1,122.66	3/4	944.34	3/4	766.01	3/4	587.69	3/4	410.69	3/4	233.71	3/4	89.40		
5	1,118.95	5	940.62	5	762.30	5	583.97	5	407.02	5	230.15	5	87.06		
1/4	1,115.23	1/4	936.91	1/4	758.58	1/4	580.26	1/4	403.36	1/4	226.60	1/4	84.72		
1/2	1,111.52	1/2	933.19	1/2	754.87	1/2	576.54	1/2	399.69	1/2	223.04	1/2	82.38		
3/4	1,107.80	3/4	929.48	3/4	751.15	3/4	572.83	3/4	396.02	3/4	219.50	3/4	80.07		
6	1,104.09	6	925.76	6	747.44	6	569.11	6	392.36	6	216.03	6	77.84		
1/4	1,100.37	1/4	922.05	1/4	743.72	1/4	565.40	1/4	388.69	1/4	212.55	1/4	75.60		
1/2	1,096.66	1/2	918.33	1/2	740.01	1/2	561.68	1/2	385.03	1/2	209.08	1/2	73.37		
3/4	1,092.94	3/4	914.62	3/4	736.29	3/4	557.97	3/4	381.36	3/4	205.63	3/4	71.16		
7	1,089.23	7	910.90	7	732.58	7	554.25	7	377.68	7	202.25	7	69.03		
1/4	1,085.51	1/4	907.19	1/4	728.86	1/4	550.54	1/4	374.01	1/4	198.87	1/4	66.90		
1/2	1,081.79	1/2	903.47	1/2	725.15	1/2	546.82	1/2	370.34	1/2	195.49	1/2	64.77		
3/4	1,078.08	3/4	899.76	3/4	721.43	3/4	543.11	3/4	366.66	3/4	192.13	3/4	62.66		
8	1,074.36	8	896.04	8	717.72	8	539.39	8	362.95	8	188.85	8	60.64		
1/4	1,070.65	1/4	892.32	1/4	714.00	1/4	535.68	1/4	359.24	1/4	185.58	1/4	58.61		
1/2	1,066.93	1/2	888.61	1/2	710.28	1/2	531.96	1/2	355.53	1/2	182.30	1/2	56.58		
3/4	1,063.22	3/4	884.89	3/4	706.57	3/4	528.25	3/4	351.83	3/4	179.05	3/4	54.58		
9	1,059.50	9	881.18	9	702.85	9	524.53	9	348.11	9	175.88	9	52.66		
1/4	1,055.79	1/4	877.46	1/4	699.14	1/4	520.81	1/4	344.40	1/4	172.70	1/4	50.74		
1/2	1,052.07	1/2	873.75	1/2	695.42	1/2	517.10	1/2	340.69	1/2	169.53	1/2	48.82		
3/4	1,048.36	3/4	870.03	3/4	691.71	3/4	513.39	3/4	336.97	3/4	166.38	3/4	46.92		
10	1,044.64	10	866.32	10	687.99	10	509.71	10	333.26	10	163.32	10	45.10		
1/4	1,040.93	1/4	862.60	1/4	684.28	1/4	506.04	1/4	329.55	1/4	160.25	1/4	43.28		
1/2	1,037.21	1/2	858.89	1/2	680.56	1/2	502.36	1/2	325.84	1/2	157.18	1/2	41.47		
3/4	1,033.50	3/4	855.17	3/4	676.85	3/4	498.68	3/4	322.12	3/4	154.14	3/4	39.67		
11	1,029.78	11	851.46	11	673.13	11	495.01	11	318.41	11	151.17	11	37.96		
1/4	1,026.07	1/4	847.74	1/4	669.42	1/4	491.35	1/4	314.70	1/4	148.21	1/4	36.25		
1/2	1,022.35	1/2	844.03	1/2	665.70	1/2	487.68	1/2	310.98	1/2	145.24	1/2	34.53		
3/4	1,018.64	3/4	840.31	3/4	661.99	3/4	484.01	3/4	307.27	3/4	142.31	3/4	32.85		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-6" OFF CENTERLINE AND 18'-10" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

D. Endress

BARGE TTT 320

2 PORT ULLAGE TABLE BARRELS HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-9 1/2"

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		0		0	2,389.09	0	2,213.83	0	2,038.45	0	1,862.35	0	1,686.07	0	1,509.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,385.44	1/4	2,210.17	1/4	2,034.79	1/4	1,858.67	1/4	1,682.40	1/4	1,506.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,381.80	1/2	2,206.51	1/2	2,031.13	1/2	1,855.00	1/2	1,678.73	1/2	1,502.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,508.84	3/4	2,378.16	3/4	2,202.84	3/4	2,027.46	3/4	1,851.33	3/4	1,498.77
1	1	1	1	1	1	1	1	1	2,374.52	1	2,199.18	1	2,023.80	1	1,847.66	1	1,671.38	1	1,495.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,508.24	1/4	2,370.88	1/4	2,195.52	1/4	2,020.14	1/4	1,843.98	1/4	1,667.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,507.94	1/2	2,367.24	1/2	2,191.86	1/2	2,016.48	1/2	1,840.31	1/2	1,664.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,507.21	3/4	2,363.60	3/4	2,188.20	3/4	2,012.82	3/4	1,836.64	3/4	1,484.07
2	2	2	2	2	2	2	2	2	2,506.48	2	2,359.96	2	2,184.53	2	2,009.15	2	1,832.97	2	1,480.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,505.75	1/4	2,356.32	1/4	2,180.87	1/4	2,005.49	1/4	1,829.29	1/4	1,476.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,505.02	1/2	2,352.68	1/2	2,177.21	1/2	2,001.83	1/2	1,825.62	1/2	1,473.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,503.67	3/4	2,349.04	3/4	2,173.55	3/4	1,998.17	3/4	1,821.95	3/4	1,469.37
3	3	3	3	3	3	3	3	3	2,502.33	3	2,345.40	3	2,169.89	3	1,994.51	3	1,818.28	3	1,465.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,500.98	1/4	2,341.76	1/4	2,166.22	1/4	1,990.84	1/4	1,814.60	1/4	1,462.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,499.64	1/2	2,338.12	1/2	2,162.56	1/2	1,987.18	1/2	1,810.93	1/2	1,458.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,497.68	3/4	2,334.48	3/4	2,158.91	3/4	1,983.52	3/4	1,807.26	3/4	1,454.67
4	4	4	4	4	4	4	4	4	2,495.72	4	2,330.84	4	2,155.26	4	1,979.85	4	1,803.59	4	1,451.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,493.77	1/4	2,327.20	1/4	2,151.60	1/4	1,976.18	1/4	1,799.91	1/4	1,447.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,491.81	1/2	2,323.55	1/2	2,147.95	1/2	1,972.52	1/2	1,796.24	1/2	1,443.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,489.24	3/4	2,319.91	3/4	2,144.31	3/4	1,968.84	3/4	1,792.57	3/4	1,439.97
5	5	5	5	5	5	5	5	5	2,486.67	5	2,316.27	5	2,140.66	5	1,965.17	5	1,788.90	5	1,436.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,484.10	1/4	2,312.63	1/4	2,137.02	1/4	1,961.50	1/4	1,785.22	1/4	1,432.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,481.53	1/2	2,308.99	1/2	2,133.38	1/2	1,957.83	1/2	1,781.55	1/2	1,428.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,478.36	3/4	2,305.34	3/4	2,129.74	3/4	1,954.16	3/4	1,777.88	3/4	1,425.27
6	6	6	6	6	6	6	6	6	2,475.19	6	2,301.69	6	2,126.10	6	1,950.48	6	1,774.21	6	1,421.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,472.02	1/4	2,298.04	1/4	2,122.45	1/4	1,946.81	1/4	1,770.54	1/4	1,417.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,468.85	1/2	2,294.39	1/2	2,118.81	1/2	1,943.14	1/2	1,766.86	1/2	1,414.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,465.29	3/4	2,290.73	3/4	2,115.17	3/4	1,939.47	3/4	1,763.19	3/4	1,410.57
7	7	7	7	7	7	7	7	7	2,461.74	7	2,287.07	7	2,111.53	7	1,935.79	7	1,759.52	7	1,406.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,458.18	1/4	2,283.41	1/4	2,107.88	1/4	1,932.12	1/4	1,755.85	1/4	1,403.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,454.62	1/2	2,279.74	1/2	2,104.24	1/2	1,928.45	1/2	1,752.17	1/2	1,399.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,450.98	3/4	2,276.08	3/4	2,100.60	3/4	1,924.78	3/4	1,748.50	3/4	1,395.87
8	8	8	8	8	8	8	8	8	2,447.34	8	2,272.42	8	2,096.96	8	1,921.10	8	1,744.83	8	1,392.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,443.69	1/4	2,268.76	1/4	2,093.31	1/4	1,917.43	1/4	1,741.16	1/4	1,388.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,440.05	1/2	2,265.10	1/2	2,089.67	1/2	1,913.76	1/2	1,737.48	1/2	1,384.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,436.41	3/4	2,261.43	3/4	2,086.02	3/4	1,910.09	3/4	1,733.81	3/4	1,381.17
9	9	9	9	9	9	9	9	9	2,432.77	9	2,257.77	9	2,082.37	9	1,906.41	9	1,730.14	9	1,377.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,429.13	1/4	2,254.11	1/4	2,078.72	1/4	1,902.74	1/4	1,726.47	1/4	1,373.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,425.49	1/2	2,250.45	1/2	2,075.07	1/2	1,899.07	1/2	1,722.79	1/2	1,370.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,421.85	3/4	2,246.79	3/4	2,071.41	3/4	1,895.40	3/4	1,719.12	3/4	1,366.46
10	10	10	10	10	10	10	10	10	2,418.21	10	2,243.12	10	2,067.74	10	1,891.72	10	1,715.45	10	1,362.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,414.57	1/4	2,239.46	1/4	2,064.08	1/4	1,888.05	1/4	1,711.78	1/4	1,359.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,410.93	1/2	2,235.80	1/2	2,060.42	1/2	1,884.38	1/2	1,708.10	1/2	1,355.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,407.29	3/4	2,232.14	3/4	2,056.76	3/4	1,880.71	3/4	1,704.43	3/4	1,351.76
11	11	11	11	11	11	11	11	11	2,403.65	11	2,228.48	11	2,053.10	11	1,877.03	11	1,700.76	11	1,348.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,400.01	1/4	2,224.81	1/4	2,049.44	1/4	1,873.36	1/4	1,697.09	1/4	1,344.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,396.37	1/2	2,221.15	1/2	2,045.77	1/2	1,869.69	1/2	1,693.41	1/2	1,340.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,392.73	3/4	2,217.49	3/4	2,042.11	3/4	1,866.02	3/4	1,689.74	3/4	1,337.06

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-4" OFF CENTERLINE AND 18'-9" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: TH FEB. 20-21, 2008
STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

HERMETIC GAUGE HEIGHT 17'-9 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	1,333.39	0	1,156.97	0	980.56	0	804.14	0	628.24	0	456.93	0	280.54	0	104.14
1/4	1,329.71	1/4	1,153.30	1/4	976.88	1/4	800.47	1/4	624.71	1/4	453.26	1/4	276.86	1/4	100.47
1/2	1,326.04	1/2	1,149.62	1/2	973.21	1/2	796.79	1/2	621.17	1/2	449.58	1/2	273.19	1/2	96.80
3/4	1,322.36	3/4	1,145.95	3/4	969.53	3/4	793.12	3/4	617.63	3/4	445.91	3/4	269.51	3/4	93.13
1	1,318.69	1	1,142.27	1	965.86	1	789.44	1	614.10	1	442.23	1	265.84	1	89.46
1/4	1,315.01	1/4	1,138.60	1/4	962.18	1/4	785.77	1/4	610.57	1/4	438.56	1/4	262.16	1/4	85.79
1/2	1,311.34	1/2	1,134.92	1/2	958.51	1/2	782.09	1/2	607.03	1/2	434.88	1/2	258.49	1/2	82.12
3/4	1,307.66	3/4	1,131.25	3/4	954.83	3/4	778.42	3/4	603.50	3/4	431.21	3/4	254.81	3/4	78.46
2	1,303.98	2	1,127.57	2	951.16	2	774.74	2	599.96	2	427.53	2	251.14	2	74.79
1/4	1,300.31	1/4	1,123.89	1/4	947.48	1/4	771.07	1/4	596.43	1/4	423.86	1/4	247.46	1/4	71.13
1/2	1,296.63	1/2	1,120.22	1/2	943.81	1/2	767.39	1/2	592.90	1/2	420.18	1/2	243.79	1/2	67.47
3/4	1,292.96	3/4	1,116.54	3/4	940.13	3/4	763.72	3/4	589.36	3/4	416.51	3/4	240.11	3/4	63.82
3	1,289.28	3	1,112.87	3	936.45	3	760.04	3	585.83	3	412.83	3	236.44	3	60.17
1/4	1,285.61	1/4	1,109.19	1/4	932.78	1/4	756.36	1/4	582.29	1/4	409.16	1/4	232.76	1/4	56.52
1/2	1,281.93	1/2	1,105.52	1/2	929.10	1/2	752.69	1/2	578.76	1/2	405.48	1/2	229.09	1/2	52.87
3/4	1,278.26	3/4	1,101.84	3/4	925.43	3/4	749.01	3/4	575.23	3/4	401.81	3/4	225.41	3/4	49.35
4	1,274.58	4	1,098.17	4	921.75	4	745.34	4	571.69	4	398.13	4	221.74	4	45.83
1/4	1,270.91	1/4	1,094.49	1/4	918.08	1/4	741.66	1/4	568.16	1/4	394.46	1/4	218.06	1/4	42.31
1/2	1,267.23	1/2	1,090.82	1/2	914.40	1/2	737.99	1/2	564.63	1/2	390.78	1/2	214.39	1/2	38.79
3/4	1,263.56	3/4	1,087.14	3/4	910.73	3/4	734.31	3/4	561.09	3/4	387.11	3/4	210.71	3/4	35.69
5	1,259.88	5	1,083.47	5	907.05	5	730.64	5	557.56	5	383.43	5	207.04	5	32.60
1/4	1,256.21	1/4	1,079.79	1/4	903.38	1/4	726.96	1/4	554.02	1/4	379.76	1/4	203.36	1/4	29.50
1/2	1,252.53	1/2	1,076.12	1/2	899.70	1/2	723.29	1/2	550.49	1/2	376.08	1/2	199.69	1/2	26.40
3/4	1,248.85	3/4	1,072.44	3/4	896.03	3/4	719.61	3/4	546.96	3/4	372.41	3/4	196.01	3/4	23.91
6	1,245.18	6	1,068.77	6	892.35	6	715.94	6	543.42	6	368.73	6	192.34	6	21.43
1/4	1,241.50	1/4	1,065.09	1/4	888.68	1/4	712.26	1/4	539.89	1/4	365.06	1/4	188.66	1/4	18.94
1/2	1,237.83	1/2	1,061.41	1/2	885.00	1/2	708.59	1/2	536.35	1/2	361.38	1/2	184.99	1/2	16.46
3/4	1,234.15	3/4	1,057.74	3/4	881.32	3/4	704.91	3/4	532.82	3/4	357.71	3/4	181.31	3/4	14.58
7	1,230.48	7	1,054.06	7	877.65	7	701.24	7	529.29	7	354.03	7	177.64	7	12.71
1/4	1,226.80	1/4	1,050.39	1/4	873.97	1/4	697.56	1/4	525.75	1/4	350.36	1/4	173.96	1/4	10.84
1/2	1,223.13	1/2	1,046.71	1/2	870.30	1/2	693.88	1/2	522.22	1/2	346.68	1/2	170.29	1/2	8.96
3/4	1,219.45	3/4	1,043.04	3/4	866.62	3/4	690.21	3/4	518.68	3/4	343.01	3/4	166.61	3/4	7.70
8	1,215.78	8	1,039.36	8	862.95	8	686.53	8	515.15	8	339.33	8	162.94	8	6.44
1/4	1,212.10	1/4	1,035.69	1/4	859.27	1/4	682.86	1/4	511.61	1/4	335.66	1/4	159.26	1/4	5.18
1/2	1,208.43	1/2	1,032.01	1/2	855.60	1/2	679.18	1/2	508.07	1/2	331.98	1/2	155.59	1/2	3.92
3/4	1,204.75	3/4	1,028.34	3/4	851.92	3/4	675.51	3/4	504.48	3/4	328.31	3/4	151.91	3/4	3.27
9	1,201.08	9	1,024.66	9	848.25	9	671.83	9	500.88	9	324.63	9	148.24	9	2.62
1/4	1,197.40	1/4	1,020.99	1/4	844.57	1/4	668.16	1/4	497.28	1/4	320.96	1/4	144.56	1/4	1.98
1/2	1,193.73	1/2	1,017.31	1/2	840.90	1/2	664.48	1/2	493.68	1/2	317.29	1/2	140.89	1/2	1.33
3/4	1,190.05	3/4	1,013.64	3/4	837.22	3/4	660.81	3/4	490.01	3/4	313.61	3/4	137.21		
10	1,186.37	10	1,009.96	10	833.55	10	657.13	10	486.33	10	309.94	10	133.54		
1/4	1,182.70	1/4	1,006.29	1/4	829.87	1/4	653.46	1/4	482.66	1/4	306.26	1/4	129.87		
1/2	1,179.02	1/2	1,002.61	1/2	826.20	1/2	649.78	1/2	478.98	1/2	302.59	1/2	126.19		
3/4	1,175.35	3/4	998.93	3/4	822.52	3/4	646.17	3/4	475.31	3/4	298.91	3/4	122.52		
11	1,171.67	11	995.26	11	818.84	11	642.55	11	471.63	11	295.24	11	118.84		
1/4	1,168.00	1/4	991.58	1/4	815.17	1/4	638.93	1/4	467.96	1/4	291.56	1/4	115.17		
1/2	1,164.32	1/2	987.91	1/2	811.49	1/2	635.32	1/2	464.28	1/2	287.89	1/2	111.49		
3/4	1,160.65	3/4	984.23	3/4	807.82	3/4	631.78	3/4	460.61	3/4	284.21	3/4	107.82		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-4" OFF CENTERLINE AND 18'-9" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

BARGE TTT 320

2 STAR ULLAGE TABLE BARRELS HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-9 1/8"

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		0		0	2,385.95	0	2,210.55	0	2,035.05	0	1,858.81	0	1,682.40	0	1,505.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,382.31	1/4	2,206.88	1/4	2,031.39	1/4	1,855.13	1/4	1,678.72	1/4	1,502.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,511.01	1/2	2,378.67	1/2	2,203.22	1/2	2,027.72	1/2	1,851.46	1/2	1,675.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,510.70	3/4	2,375.02	3/4	2,199.55	3/4	2,024.06	3/4	1,847.78	3/4	1,671.37
1	1	1	1	1	1	1	1	1	2,371.38	1	2,195.89	1	2,020.40	1	1,844.11	1	1,667.70	1	1,491.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,509.86	1/4	2,367.74	1/4	2,192.23	1/4	2,016.73	1/4	1,840.43	1/4	1,664.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,509.13	1/2	2,364.09	1/2	2,188.56	1/2	2,013.07	1/2	1,836.75	1/2	1,660.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,508.41	3/4	2,360.45	3/4	2,184.90	3/4	2,009.40	3/4	1,833.08	3/4	1,656.67
2	2	2	2	2	2	2	2	2	2,507.68	2	2,356.81	2	2,181.23	2	2,005.74	2	1,829.40	2	1,652.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,506.65	1/4	2,353.16	1/4	2,177.57	1/4	2,002.07	1/4	1,825.73	1/4	1,649.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,505.31	1/2	2,349.52	1/2	2,173.90	1/2	1,998.41	1/2	1,822.05	1/2	1,645.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,503.97	3/4	2,345.88	3/4	2,170.24	3/4	1,994.74	3/4	1,818.38	3/4	1,641.97
3	3	3	3	3	3	3	3	3	2,502.63	3	2,342.23	3	2,166.58	3	1,991.08	3	1,814.70	3	1,638.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,500.99	1/4	2,338.59	1/4	2,162.91	1/4	1,987.41	1/4	1,811.03	1/4	1,634.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,499.03	1/2	2,334.95	1/2	2,159.25	1/2	1,983.75	1/2	1,807.35	1/2	1,630.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,497.08	3/4	2,331.31	3/4	2,155.58	3/4	1,980.08	3/4	1,803.68	3/4	1,627.27
4	4	4	4	4	4	4	4	4	2,495.13	4	2,327.66	4	2,151.92	4	1,976.41	4	1,800.00	4	1,623.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,492.87	1/4	2,324.02	1/4	2,148.25	1/4	1,972.74	1/4	1,796.33	1/4	1,619.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,490.31	1/2	2,320.38	1/2	2,144.59	1/2	1,969.06	1/2	1,792.65	1/2	1,616.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,487.74	3/4	2,316.73	3/4	2,140.92	3/4	1,965.39	3/4	1,788.98	3/4	1,612.57
5	5	5	5	5	5	5	5	5	2,485.17	5	2,313.09	5	2,137.26	5	1,961.71	5	1,785.30	5	1,608.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,482.31	1/4	2,309.44	1/4	2,133.60	1/4	1,958.04	1/4	1,781.63	1/4	1,605.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,479.14	1/2	2,305.79	1/2	2,129.93	1/2	1,954.36	1/2	1,777.95	1/2	1,601.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,475.98	3/4	2,302.14	3/4	2,126.27	3/4	1,950.69	3/4	1,774.28	3/4	1,597.87
6	6	6	6	6	6	6	6	6	2,472.81	6	2,298.48	6	2,122.60	6	1,947.01	6	1,770.60	6	1,594.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,469.45	1/4	2,294.83	1/4	2,118.94	1/4	1,943.34	1/4	1,766.93	1/4	1,590.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,465.89	1/2	2,291.16	1/2	2,115.27	1/2	1,939.66	1/2	1,763.25	1/2	1,586.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,462.33	3/4	2,287.50	3/4	2,111.61	3/4	1,935.99	3/4	1,759.58	3/4	1,583.17
7	7	7	7	7	7	7	7	7	2,458.77	7	2,283.83	7	2,107.95	7	1,932.31	7	1,755.90	7	1,579.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,455.17	1/4	2,280.17	1/4	2,104.28	1/4	1,928.63	1/4	1,752.23	1/4	1,575.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,451.53	1/2	2,276.50	1/2	2,100.62	1/2	1,924.96	1/2	1,748.55	1/2	1,572.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,447.88	3/4	2,272.84	3/4	2,096.95	3/4	1,921.28	3/4	1,744.87	3/4	1,568.47
8	8	8	8	8	8	8	8	8	2,444.24	8	2,269.18	8	2,093.29	8	1,917.61	8	1,741.20	8	1,564.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,440.60	1/4	2,265.51	1/4	2,089.64	1/4	1,913.93	1/4	1,737.52	1/4	1,561.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,436.96	1/2	2,261.85	1/2	2,085.99	1/2	1,910.26	1/2	1,733.85	1/2	1,557.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,433.31	3/4	2,258.18	3/4	2,082.35	3/4	1,906.58	3/4	1,730.17	3/4	1,553.76
9	9	9	9	9	9	9	9	9	2,429.67	9	2,254.52	9	2,078.71	9	1,902.91	9	1,726.50	9	1,550.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,426.03	1/4	2,250.85	1/4	2,075.08	1/4	1,899.23	1/4	1,722.82	1/4	1,546.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,422.38	1/2	2,247.19	1/2	2,071.46	1/2	1,895.56	1/2	1,719.15	1/2	1,542.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,418.74	3/4	2,243.53	3/4	2,067.85	3/4	1,891.88	3/4	1,715.47	3/4	1,539.06
10	10	10	10	10	10	10	10	10	2,415.10	10	2,239.86	10	2,064.23	10	1,888.21	10	1,711.80	10	1,535.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,411.45	1/4	2,236.20	1/4	2,060.60	1/4	1,884.53	1/4	1,708.12	1/4	1,531.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,407.81	1/2	2,232.53	1/2	2,056.97	1/2	1,880.86	1/2	1,704.45	1/2	1,528.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,404.17	3/4	2,228.87	3/4	2,053.33	3/4	1,877.18	3/4	1,700.77	3/4	1,524.36
11	11	11	11	11	11	11	11	11	2,400.52	11	2,225.20	11	2,049.70	11	1,873.51	11	1,697.10	11	1,520.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,396.88	1/4	2,221.54	1/4	2,046.05	1/4	1,869.83	1/4	1,693.42	1/4	1,517.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,393.24	1/2	2,217.88	1/2	2,042.38	1/2	1,866.16	1/2	1,689.75	1/2	1,513.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,389.59	3/4	2,214.21	3/4	2,038.72	3/4	1,862.48	3/4	1,686.07	3/4	1,509.66

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-3" OFF CENTERLINE AND 18'-6" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: TH FEB. 20-21, 2008
STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

HERMETIC GAUGE HEIGHT 17'-9 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	1,329.45	0	1,152.90	0	976.35	0	799.80	0	623.91	0	451.90	0	275.37	0	98.85
1/4	1,325.77	1/4	1,149.22	1/4	972.67	1/4	796.12	1/4	620.36	1/4	448.22	1/4	271.69	1/4	95.18
1/2	1,322.09	1/2	1,145.54	1/2	968.99	1/2	792.44	1/2	616.81	1/2	444.54	1/2	268.02	1/2	91.51
3/4	1,318.41	3/4	1,141.86	3/4	965.31	3/4	788.76	3/4	613.27	3/4	440.86	3/4	264.34	3/4	87.83
1	1,314.73	1	1,138.18	1	961.64	1	785.09	1	609.72	1	437.19	1	260.66	1	84.16
1/4	1,311.06	1/4	1,134.51	1/4	957.96	1/4	781.41	1/4	606.17	1/4	433.51	1/4	256.98	1/4	80.49
1/2	1,307.38	1/2	1,130.83	1/2	954.28	1/2	777.73	1/2	602.63	1/2	429.83	1/2	253.31	1/2	76.83
3/4	1,303.70	3/4	1,127.15	3/4	950.60	3/4	774.05	3/4	599.08	3/4	426.15	3/4	249.63	3/4	73.16
2	1,300.02	2	1,123.47	2	946.92	2	770.37	2	595.53	2	422.48	2	245.95	2	69.49
1/4	1,296.34	1/4	1,119.79	1/4	943.25	1/4	766.70	1/4	591.98	1/4	418.80	1/4	242.27	1/4	65.84
1/2	1,292.66	1/2	1,116.12	1/2	939.57	1/2	763.02	1/2	588.44	1/2	415.12	1/2	238.60	1/2	62.18
3/4	1,288.99	3/4	1,112.44	3/4	935.89	3/4	759.34	3/4	584.89	3/4	411.44	3/4	234.92	3/4	58.53
3	1,285.31	3	1,108.76	3	932.21	3	755.66	3	581.34	3	407.77	3	231.24	3	54.88
1/4	1,281.63	1/4	1,105.08	1/4	928.53	1/4	751.98	1/4	577.79	1/4	404.09	1/4	227.56	1/4	51.29
1/2	1,277.95	1/2	1,101.40	1/2	924.85	1/2	748.31	1/2	574.25	1/2	400.41	1/2	223.89	1/2	47.76
3/4	1,274.27	3/4	1,097.73	3/4	921.18	3/4	744.63	3/4	570.70	3/4	396.73	3/4	220.21	3/4	44.24
4	1,270.60	4	1,094.05	4	917.50	4	740.95	4	567.15	4	393.05	4	216.53	4	40.72
1/4	1,266.92	1/4	1,090.37	1/4	913.82	1/4	737.27	1/4	563.61	1/4	389.38	1/4	212.85	1/4	37.40
1/2	1,263.24	1/2	1,086.69	1/2	910.14	1/2	733.59	1/2	560.06	1/2	385.70	1/2	209.17	1/2	34.29
3/4	1,259.56	3/4	1,083.01	3/4	906.46	3/4	729.92	3/4	556.51	3/4	382.02	3/4	205.50	3/4	31.19
5	1,255.88	5	1,079.33	5	902.79	5	726.24	5	552.96	5	378.34	5	201.82	5	28.08
1/4	1,252.21	1/4	1,075.66	1/4	899.11	1/4	722.56	1/4	549.42	1/4	374.67	1/4	198.14	1/4	25.28
1/2	1,248.53	1/2	1,071.98	1/2	895.43	1/2	718.88	1/2	545.87	1/2	370.99	1/2	194.46	1/2	22.79
3/4	1,244.85	3/4	1,068.30	3/4	891.75	3/4	715.20	3/4	542.32	3/4	367.31	3/4	190.79	3/4	20.29
6	1,241.17	6	1,064.62	6	888.07	6	711.52	6	538.77	6	363.63	6	187.11	6	17.80
1/4	1,237.49	1/4	1,060.94	1/4	884.40	1/4	707.85	1/4	535.23	1/4	359.96	1/4	183.43	1/4	15.61
1/2	1,233.81	1/2	1,057.27	1/2	880.72	1/2	704.17	1/2	531.68	1/2	356.28	1/2	179.75	1/2	13.73
3/4	1,230.14	3/4	1,053.59	3/4	877.04	3/4	700.49	3/4	528.13	3/4	352.60	3/4	176.08	3/4	11.85
7	1,226.46	7	1,049.91	7	873.36	7	696.81	7	524.58	7	348.92	7	172.40	7	9.97
1/4	1,222.78	1/4	1,046.23	1/4	869.68	1/4	693.13	1/4	521.04	1/4	345.25	1/4	168.72	1/4	8.40
1/2	1,219.10	1/2	1,042.55	1/2	866.00	1/2	689.46	1/2	517.49	1/2	341.57	1/2	165.04	1/2	7.13
3/4	1,215.42	3/4	1,038.88	3/4	862.33	3/4	685.78	3/4	513.94	3/4	337.89	3/4	161.37	3/4	5.86
8	1,211.75	8	1,035.20	8	858.65	8	682.10	8	510.39	8	334.21	8	157.69	8	4.59
1/4	1,208.07	1/4	1,031.52	1/4	854.97	1/4	678.42	1/4	506.81	1/4	330.54	1/4	154.01	1/4	3.63
1/2	1,204.39	1/2	1,027.84	1/2	851.29	1/2	674.74	1/2	503.20	1/2	326.86	1/2	150.33	1/2	2.98
3/4	1,200.71	3/4	1,024.16	3/4	847.61	3/4	671.07	3/4	499.60	3/4	323.18	3/4	146.66	3/4	2.32
9	1,197.03	9	1,020.49	9	843.94	9	667.39	9	495.99	9	319.50	9	142.98	9	1.67
1/4	1,193.36	1/4	1,016.81	1/4	840.26	1/4	663.71	1/4	492.35	1/4	315.83	1/4	139.30	1/8	1.34
1/2	1,189.68	1/2	1,013.13	1/2	836.58	1/2	660.03	1/2	488.67	1/2	312.15	1/2	135.62		
3/4	1,186.00	3/4	1,009.45	3/4	832.90	3/4	656.35	3/4	484.99	3/4	308.47	3/4	131.95		
10	1,182.32	10	1,005.77	10	829.22	10	652.68	10	481.32	10	304.79	10	128.27		
1/4	1,178.64	1/4	1,002.09	1/4	825.55	1/4	649.02	1/4	477.64	1/4	301.11	1/4	124.59		
1/2	1,174.97	1/2	998.42	1/2	821.87	1/2	645.40	1/2	473.96	1/2	297.44	1/2	120.91		
3/4	1,171.29	3/4	994.74	3/4	818.19	3/4	641.78	3/4	470.28	3/4	293.76	3/4	117.24		
11	1,167.61	11	991.06	11	814.51	11	638.15	11	466.61	11	290.08	11	113.56		
1/4	1,163.93	1/4	987.38	1/4	810.83	1/4	634.56	1/4	462.93	1/4	286.40	1/4	109.88		
1/2	1,160.25	1/2	983.70	1/2	807.16	1/2	631.01	1/2	459.25	1/2	282.73	1/2	106.20		
3/4	1,156.57	3/4	980.03	3/4	803.48	3/4	627.46	3/4	455.57	3/4	279.05	3/4	102.53		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-3" OFF CENTERLINE AND 18'-6" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008
SAYBOLT LP

O. Endress

HERMETIC GAUGE HEIGHT 17'-9 1/4"

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		0		0	4,776.61	0	4,425.79	0	4,074.30	0	3,721.70	0	3,368.74	0	3,015.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,769.33	1/4	4,418.46	1/4	4,066.97	1/4	3,714.35	1/4	3,361.38	1/4	3,008.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,762.04	1/2	4,411.14	1/2	4,059.65	1/2	3,707.00	1/2	3,354.03	1/2	3,001.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,754.75	3/4	4,403.81	3/4	4,052.32	3/4	3,699.64	3/4	3,346.68	3/4	2,993.71
1	1	1	1	1	1	1	1	1	4,747.47	1	4,396.48	1	4,044.99	1	3,692.29	1	3,339.32	1	2,986.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.57	1/4	4,740.18	1/4	4,389.15	1/4	4,037.66	1/4	3,684.94	1/4	3,331.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,008.25	1/2	4,732.89	1/2	4,381.82	1/2	4,030.33	1/2	3,677.58	1/2	3,324.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,006.93	3/4	4,725.61	3/4	4,374.49	3/4	4,023.00	3/4	3,670.23	3/4	3,317.26
2	2	2	2	2	2	2	2	2	5,005.61	2	4,718.32	2	4,367.16	2	4,015.67	2	3,662.88	2	3,309.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,004.28	1/4	4,711.03	1/4	4,359.83	1/4	4,008.34	1/4	3,655.52	1/4	3,302.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,002.25	1/2	4,703.75	1/2	4,352.50	1/2	4,001.01	1/2	3,648.17	1/2	3,295.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.21	3/4	4,696.46	3/4	4,345.17	3/4	3,993.68	3/4	3,640.82	3/4	3,287.85
3	3	3	3	3	3	3	3	3	4,998.17	3	4,689.17	3	4,337.84	3	3,986.35	3	3,633.46	3	3,280.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,996.14	1/4	4,681.89	1/4	4,330.51	1/4	3,979.02	1/4	3,626.11	1/4	3,273.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,992.87	1/2	4,674.60	1/2	4,323.18	1/2	3,971.68	1/2	3,618.76	1/2	3,265.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,989.61	3/4	4,667.31	3/4	4,315.86	3/4	3,964.34	3/4	3,611.40	3/4	3,258.43
4	4	4	4	4	4	4	4	4	4,986.35	4	4,660.03	4	4,308.53	4	3,957.00	4	3,604.05	4	3,251.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,983.08	1/4	4,652.74	1/4	4,301.20	1/4	3,949.66	1/4	3,596.70	1/4	3,243.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,978.59	1/2	4,645.45	1/2	4,293.87	1/2	3,942.31	1/2	3,589.34	1/2	3,236.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,974.10	3/4	4,638.17	3/4	4,286.54	3/4	3,934.96	3/4	3,581.99	3/4	3,229.02
5	5	5	5	5	5	5	5	5	4,969.61	5	4,630.88	5	4,279.21	5	3,927.60	5	3,574.63	5	3,221.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.12	1/4	4,623.59	1/4	4,271.88	1/4	3,920.25	1/4	3,567.28	1/4	3,214.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,959.41	1/2	4,616.29	1/2	4,264.55	1/2	3,912.90	1/2	3,559.93	1/2	3,206.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,953.69	3/4	4,608.98	3/4	4,257.22	3/4	3,905.54	3/4	3,552.57	3/4	3,199.61
6	6	6	6	6	6	6	6	6	4,947.77	6	4,601.67	6	4,249.89	6	3,898.19	6	3,545.22	6	3,192.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,942.26	1/4	4,594.37	1/4	4,242.56	1/4	3,890.84	1/4	3,537.87	1/4	3,184.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,935.46	1/2	4,587.04	1/2	4,235.23	1/2	3,883.48	1/2	3,530.51	1/2	3,177.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,928.66	3/4	4,579.71	3/4	4,227.91	3/4	3,876.13	3/4	3,523.16	3/4	3,170.19
7	7	7	7	7	7	7	7	7	4,921.86	7	4,572.38	7	4,220.58	7	3,868.77	7	3,515.81	7	3,162.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,915.06	1/4	4,565.05	1/4	4,213.25	1/4	3,861.42	1/4	3,508.45	1/4	3,155.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,907.77	1/2	4,557.72	1/2	4,205.92	1/2	3,854.07	1/2	3,501.10	1/2	3,148.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,900.49	3/4	4,550.39	3/4	4,198.59	3/4	3,846.71	3/4	3,493.75	3/4	3,140.78
8	8	8	8	8	8	8	8	8	4,893.20	8	4,543.06	8	4,191.26	8	3,839.36	8	3,486.39	8	3,133.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,885.91	1/4	4,535.73	1/4	4,183.93	1/4	3,832.01	1/4	3,479.04	1/4	3,126.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,878.63	1/2	4,528.40	1/2	4,176.62	1/2	3,824.65	1/2	3,471.69	1/2	3,118.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,871.34	3/4	4,521.07	3/4	4,169.31	3/4	3,817.30	3/4	3,464.33	3/4	3,111.36
9	9	9	9	9	9	9	9	9	4,864.05	9	4,513.74	9	4,162.00	9	3,809.95	9	3,456.98	9	3,104.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,856.77	1/4	4,506.41	1/4	4,154.69	1/4	3,802.59	1/4	3,449.63	1/4	3,096.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,849.48	1/2	4,499.09	1/2	4,147.40	1/2	3,795.24	1/2	3,442.27	1/2	3,089.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,842.19	3/4	4,491.76	3/4	4,140.11	3/4	3,787.89	3/4	3,434.92	3/4	3,081.95
10	10	10	10	10	10	10	10	10	4,834.91	10	4,484.43	10	4,132.82	10	3,780.53	10	3,427.56	10	3,074.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,827.62	1/4	4,477.10	1/4	4,125.53	1/4	3,773.18	1/4	3,420.21	1/4	3,067.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,820.33	1/2	4,469.77	1/2	4,118.22	1/2	3,765.83	1/2	3,412.86	1/2	3,059.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,813.05	3/4	4,462.44	3/4	4,110.91	3/4	3,758.47	3/4	3,405.50	3/4	3,052.54
11	11	11	11	11	11	11	11	11	4,805.76	11	4,455.11	11	4,103.60	11	3,751.12	11	3,398.15	11	3,045.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,798.47	1/4	4,447.78	1/4	4,096.29	1/4	3,743.77	1/4	3,390.80	1/4	3,037.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,791.19	1/2	4,440.45	1/2	4,088.96	1/2	3,736.41	1/2	3,383.44	1/2	3,030.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,783.90	3/4	4,433.12	3/4	4,081.63	3/4	3,729.06	3/4	3,376.09	3/4	3,023.12

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-6" OFF CENTERLINE AND 42'-3" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: TH FEB. 20-21, 2008
STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

HERMETIC GAUGE HEIGHT 17'-9 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	2,662.52	0	2,309.25	0	1,955.98	0	1,602.71	0	1,250.65	0	906.18	0	552.94	0	199.70
1/4	2,655.16	1/4	2,301.89	1/4	1,948.62	1/4	1,595.35	1/4	1,243.53	1/4	898.82	1/4	545.58	1/4	192.35
1/2	2,647.80	1/2	2,294.53	1/2	1,941.26	1/2	1,587.99	1/2	1,236.42	1/2	891.46	1/2	538.22	1/2	185.00
3/4	2,640.44	3/4	2,287.17	3/4	1,933.90	3/4	1,580.63	3/4	1,229.32	3/4	884.10	3/4	530.86	3/4	177.65
1	2,633.08	1	2,279.81	1	1,926.54	1	1,573.27	1	1,222.21	1	876.74	1	523.50	1	170.30
1/4	2,625.72	1/4	2,272.45	1/4	1,919.18	1/4	1,565.91	1/4	1,215.10	1/4	869.38	1/4	516.14	1/4	162.95
1/2	2,618.36	1/2	2,265.09	1/2	1,911.82	1/2	1,558.55	1/2	1,207.99	1/2	862.02	1/2	508.78	1/2	155.62
3/4	2,611.01	3/4	2,257.73	3/4	1,904.46	3/4	1,551.19	3/4	1,200.88	3/4	854.66	3/4	501.42	3/4	148.28
2	2,603.65	2	2,250.37	2	1,897.10	2	1,543.83	2	1,193.77	2	847.30	2	494.06	2	140.95
1/4	2,596.29	1/4	2,243.02	1/4	1,889.74	1/4	1,536.47	1/4	1,186.66	1/4	839.94	1/4	486.70	1/4	133.61
1/2	2,588.93	1/2	2,235.66	1/2	1,882.38	1/2	1,529.11	1/2	1,179.56	1/2	832.59	1/2	479.34	1/2	126.30
3/4	2,581.57	3/4	2,228.30	3/4	1,875.03	3/4	1,521.75	3/4	1,172.45	3/4	825.23	3/4	471.98	3/4	119.00
3	2,574.21	3	2,220.94	3	1,867.67	3	1,514.39	3	1,165.34	3	817.87	3	464.63	3	111.69
1/4	2,566.85	1/4	2,213.58	1/4	1,860.31	1/4	1,507.04	1/4	1,158.23	1/4	810.51	1/4	457.27	1/4	104.38
1/2	2,559.49	1/2	2,206.22	1/2	1,852.95	1/2	1,499.68	1/2	1,151.12	1/2	803.15	1/2	449.91	1/2	97.35
3/4	2,552.13	3/4	2,198.86	3/4	1,845.59	3/4	1,492.32	3/4	1,144.01	3/4	795.79	3/4	442.55	3/4	90.32
4	2,544.77	4	2,191.50	4	1,838.23	4	1,484.96	4	1,136.90	4	788.43	4	435.19	4	83.29
1/4	2,537.41	1/4	2,184.14	1/4	1,830.87	1/4	1,477.60	1/4	1,129.80	1/4	781.07	1/4	427.83	1/4	76.25
1/2	2,530.05	1/2	2,176.78	1/2	1,823.51	1/2	1,470.24	1/2	1,122.69	1/2	773.71	1/2	420.47	1/2	70.09
3/4	2,522.69	3/4	2,169.42	3/4	1,816.15	3/4	1,462.88	3/4	1,115.58	3/4	766.35	3/4	413.11	3/4	63.92
5	2,515.33	5	2,162.06	5	1,808.79	5	1,455.52	5	1,108.47	5	758.99	5	405.75	5	57.75
1/4	2,507.97	1/4	2,154.70	1/4	1,801.43	1/4	1,448.16	1/4	1,101.36	1/4	751.63	1/4	398.39	1/4	51.59
1/2	2,500.61	1/2	2,147.34	1/2	1,794.07	1/2	1,440.80	1/2	1,094.25	1/2	744.28	1/2	391.03	1/2	46.64
3/4	2,493.25	3/4	2,139.98	3/4	1,786.71	3/4	1,433.44	3/4	1,087.14	3/4	736.92	3/4	383.67	3/4	41.70
6	2,485.89	6	2,132.62	6	1,779.35	6	1,426.08	6	1,080.04	6	729.56	6	376.32	6	36.76
1/4	2,478.53	1/4	2,125.26	1/4	1,771.99	1/4	1,418.72	1/4	1,072.93	1/4	722.20	1/4	368.96	1/4	31.82
1/2	2,471.17	1/2	2,117.90	1/2	1,764.63	1/2	1,411.36	1/2	1,065.82	1/2	714.84	1/2	361.60	1/2	28.10
3/4	2,463.81	3/4	2,110.54	3/4	1,757.27	3/4	1,404.00	3/4	1,058.71	3/4	707.48	3/4	354.24	3/4	24.38
7	2,456.45	7	2,103.18	7	1,749.91	7	1,396.64	7	1,051.60	7	700.12	7	346.88	7	20.67
1/4	2,449.09	1/4	2,095.82	1/4	1,742.55	1/4	1,389.28	1/4	1,044.49	1/4	692.76	1/4	339.52	1/4	16.95
1/2	2,441.73	1/2	2,088.46	1/2	1,735.19	1/2	1,381.92	1/2	1,037.38	1/2	685.40	1/2	332.16	1/2	14.46
3/4	2,434.37	3/4	2,081.10	3/4	1,727.83	3/4	1,374.56	3/4	1,030.27	3/4	678.04	3/4	324.80	3/4	11.97
8	2,427.01	8	2,073.74	8	1,720.47	8	1,367.20	8	1,023.16	8	670.68	8	317.44	8	9.48
1/4	2,419.65	1/4	2,066.38	1/4	1,713.11	1/4	1,359.84	1/4	1,016.05	1/4	663.32	1/4	310.08	1/4	6.99
1/2	2,412.29	1/2	2,059.02	1/2	1,705.75	1/2	1,352.48	1/2	1,008.82	1/2	655.96	1/2	302.72	1/2	5.73
3/4	2,404.93	3/4	2,051.66	3/4	1,698.39	3/4	1,345.12	3/4	1,001.59	3/4	648.61	3/4	295.36	3/4	4.47
9	2,397.57	9	2,044.30	9	1,691.03	9	1,337.76	9	994.36	9	641.25	9	288.00	9	3.21
1/4	2,390.21	1/4	2,036.94	1/4	1,683.67	1/4	1,330.40	1/4	987.13	1/4	633.89	1/4	280.65	1/4	1.94
1/2	2,382.85	1/2	2,029.58	1/2	1,676.31	1/2	1,323.04	1/2	979.77	1/2	626.53	1/2	273.29		
3/4	2,375.49	3/4	2,022.22	3/4	1,668.95	3/4	1,315.68	3/4	972.41	3/4	619.17	3/4	265.93		
10	2,368.13	10	2,014.86	10	1,661.59	10	1,308.32	10	965.05	10	611.81	10	258.57		
1/4	2,360.77	1/4	2,007.50	1/4	1,654.23	1/4	1,300.96	1/4	957.69	1/4	604.45	1/4	251.21		
1/2	2,353.41	1/2	2,000.14	1/2	1,646.87	1/2	1,293.72	1/2	950.33	1/2	597.09	1/2	243.85		
3/4	2,346.05	3/4	1,992.78	3/4	1,639.51	3/4	1,286.47	3/4	942.97	3/4	589.73	3/4	236.49		
11	2,338.69	11	1,985.42	11	1,632.15	11	1,279.23	11	935.61	11	582.37	11	229.13		
1/4	2,331.33	1/4	1,978.06	1/4	1,624.79	1/4	1,271.98	1/4	928.26	1/4	575.01	1/4	221.77		
1/2	2,323.97	1/2	1,970.70	1/2	1,617.43	1/2	1,264.87	1/2	920.90	1/2	567.65	1/2	214.42		
3/4	2,316.61	3/4	1,963.34	3/4	1,610.07	3/4	1,257.76	3/4	913.54	3/4	560.30	3/4	207.06		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-6" OFF CENTERLINE AND 42'-3" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

BARGE TTT 320

3 STAR

ULLAGE TABLE

BARRELS

HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-9"

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	0	0	0	0	0	0	4,783.92	0	4,432.00	0	4,079.45	0	3,725.80	0	3,371.80	0	3,017.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,776.61	1/4	4,424.65	1/4	4,072.10	1/4	3,718.42	1/4	3,364.43	1/4	3,010.43
1/2	1/2	1/2	1/2	1/2	11/16	1/2	5,024.52	1/2	4,769.30	1/2	4,417.30	1/2	4,064.75	1/2	3,711.05	1/2	3,357.05	1/2	3,003.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,024.32	3/4	4,761.99	3/4	4,409.95	3/4	4,057.40	3/4	3,703.67	3/4	3,349.68	3/4	2,995.67
1	1	1	1	1	1	1	5,023.52	1	4,754.68	1	4,402.60	1	4,050.05	1	3,696.30	1	3,342.30	1	2,988.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,022.43	1/4	4,747.38	1/4	4,395.25	1/4	4,042.70	1/4	3,688.92	1/4	3,334.93	1/4	2,980.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,021.33	1/2	4,740.07	1/2	4,387.89	1/2	4,035.34	1/2	3,681.55	1/2	3,327.55	1/2	2,973.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,020.23	3/4	4,732.76	3/4	4,380.54	3/4	4,027.99	3/4	3,674.17	3/4	3,320.18	3/4	2,966.15
2	2	2	2	2	2	2	5,019.13	2	4,725.45	2	4,373.19	2	4,020.64	2	3,666.80	2	3,312.80	2	2,958.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,017.11	1/4	4,718.14	1/4	4,365.84	1/4	4,013.29	1/4	3,659.42	1/4	3,305.43	1/4	2,951.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,015.09	1/2	4,710.83	1/2	4,358.49	1/2	4,005.94	1/2	3,652.05	1/2	3,298.05	1/2	2,944.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,013.07	3/4	4,703.52	3/4	4,351.14	3/4	3,998.59	3/4	3,644.67	3/4	3,290.68	3/4	2,936.62
3	3	3	3	3	3	3	5,011.05	3	4,696.21	3	4,343.79	3	3,991.24	3	3,637.30	3	3,283.30	3	2,929.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,007.80	1/4	4,688.91	1/4	4,336.44	1/4	3,983.88	1/4	3,629.92	1/4	3,275.93	1/4	2,921.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,004.55	1/2	4,681.60	1/2	4,329.08	1/2	3,976.52	1/2	3,622.55	1/2	3,268.55	1/2	2,914.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.30	3/4	4,674.29	3/4	4,321.73	3/4	3,969.15	3/4	3,615.17	3/4	3,261.18	3/4	2,907.10
4	4	4	4	4	4	4	4,998.05	4	4,666.98	4	4,314.38	4	3,961.79	4	3,607.80	4	3,253.80	4	2,899.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,993.58	1/4	4,659.67	1/4	4,307.03	1/4	3,954.42	1/4	3,600.42	1/4	3,246.43	1/4	2,892.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,989.10	1/2	4,652.36	1/2	4,299.68	1/2	3,947.04	1/2	3,593.05	1/2	3,239.05	1/2	2,884.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,984.62	3/4	4,645.05	3/4	4,292.33	3/4	3,939.67	3/4	3,585.67	3/4	3,231.68	3/4	2,877.57
5	5	5	5	5	5	5	4,980.14	5	4,637.74	5	4,284.98	5	3,932.29	5	3,578.30	5	3,224.30	5	2,870.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,974.43	1/4	4,630.42	1/4	4,277.63	1/4	3,924.92	1/4	3,570.92	1/4	3,216.93	1/4	2,862.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.72	1/2	4,623.09	1/2	4,270.27	1/2	3,917.54	1/2	3,563.55	1/2	3,209.55	1/2	2,855.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.01	3/4	4,615.76	3/4	4,262.92	3/4	3,910.17	3/4	3,556.17	3/4	3,202.18	3/4	2,848.05
6	6	6	6	6	6	6	4,957.30	6	4,608.43	6	4,255.57	6	3,902.80	6	3,548.80	6	3,194.80	6	2,840.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,950.50	1/4	4,601.08	1/4	4,248.22	1/4	3,895.42	1/4	3,541.43	1/4	3,187.43	1/4	2,833.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,943.70	1/2	4,593.73	1/2	4,240.87	1/2	3,888.05	1/2	3,534.05	1/2	3,180.06	1/2	2,825.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,936.90	3/4	4,586.38	3/4	4,233.52	3/4	3,880.67	3/4	3,526.68	3/4	3,172.68	3/4	2,818.53
7	7	7	7	7	7	7	4,930.10	7	4,579.03	7	4,226.17	7	3,873.30	7	3,519.30	7	3,165.31	7	2,811.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,922.79	1/4	4,571.68	1/4	4,218.82	1/4	3,865.92	1/4	3,511.93	1/4	3,157.93	1/4	2,803.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,915.48	1/2	4,564.33	1/2	4,211.46	1/2	3,858.55	1/2	3,504.55	1/2	3,150.56	1/2	2,796.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,908.17	3/4	4,556.97	3/4	4,204.11	3/4	3,851.17	3/4	3,497.18	3/4	3,143.18	3/4	2,789.00
8	8	8	8	8	8	8	4,900.86	8	4,549.62	8	4,196.76	8	3,843.80	8	3,489.80	8	3,135.81	8	2,781.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,893.55	1/4	4,542.27	1/4	4,189.43	1/4	3,836.42	1/4	3,482.43	1/4	3,128.43	1/4	2,774.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,886.24	1/2	4,534.92	1/2	4,182.09	1/2	3,829.05	1/2	3,475.05	1/2	3,121.06	1/2	2,766.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,878.93	3/4	4,527.57	3/4	4,174.76	3/4	3,821.67	3/4	3,467.68	3/4	3,113.68	3/4	2,759.48
9	9	9	9	9	9	9	4,871.63	9	4,520.22	9	4,167.43	9	3,814.30	9	3,460.30	9	3,106.31	9	2,752.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,864.32	1/4	4,512.87	1/4	4,160.11	1/4	3,806.92	1/4	3,452.93	1/4	3,098.93	1/4	2,744.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,857.01	1/2	4,505.52	1/2	4,152.80	1/2	3,799.55	1/2	3,445.55	1/2	3,091.56	1/2	2,737.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,849.70	3/4	4,498.16	3/4	4,145.49	3/4	3,792.17	3/4	3,438.18	3/4	3,084.18	3/4	2,729.95
10	10	10	10	10	10	10	4,842.39	10	4,490.81	10	4,138.18	10	3,784.80	10	3,430.80	10	3,076.81	10	2,722.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,835.08	1/4	4,483.46	1/4	4,130.85	1/4	3,777.42	1/4	3,423.43	1/4	3,069.43	1/4	2,715.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,827.77	1/2	4,476.11	1/2	4,123.52	1/2	3,770.05	1/2	3,416.05	1/2	3,062.06	1/2	2,707.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,820.46	3/4	4,468.76	3/4	4,116.19	3/4	3,762.67	3/4	3,408.68	3/4	3,054.68	3/4	2,700.43
11	11	11	11	11	11	11	4,813.16	11	4,461.41	11	4,108.86	11	3,755.30	11	3,401.30	11	3,047.31	11	2,693.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,805.85	1/4	4,454.06	1/4	4,101.51	1/4	3,747.92	1/4	3,393.93	1/4	3,039.93	1/4	2,685.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,798.54	1/2	4,446.71	1/2	4,094.15	1/2	3,740.55	1/2	3,386.55	1/2	3,032.56	1/2	2,678.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,791.23	3/4	4,439.35	3/4	4,086.80	3/4	3,733.17	3/4	3,379.18	3/4	3,025.18	3/4	2,670.90

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-3" OFF CENTERLINE AND 42'-1" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: TH FEB. 20-21, 2008

STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Eches

BARGE TTT 320

3 STAR ULLAGE TABLE BARRELS HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-9"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	2,663.52	0	2,309.23	0	1,954.94	0	1,600.64	0	1,247.77	0	902.02	0	547.75	0	193.49
1/4	2,656.14	1/4	2,301.85	1/4	1,947.56	1/4	1,593.26	1/4	1,240.64	1/4	894.64	1/4	540.37	1/4	186.12
1/2	2,648.78	1/2	2,294.47	1/2	1,940.17	1/2	1,585.88	1/2	1,233.51	1/2	887.26	1/2	532.99	1/2	178.75
3/4	2,641.38	3/4	2,287.09	3/4	1,932.79	3/4	1,578.50	3/4	1,226.38	3/4	879.88	3/4	525.61	3/4	171.38
1	2,634.00	1	2,279.71	1	1,925.41	1	1,571.12	1	1,219.25	1	872.50	1	518.23	1	164.01
1/4	2,626.62	1/4	2,272.32	1/4	1,918.03	1/4	1,563.74	1/4	1,212.12	1/4	865.12	1/4	510.85	1/4	156.65
1/2	2,619.24	1/2	2,264.94	1/2	1,910.65	1/2	1,556.36	1/2	1,204.99	1/2	857.74	1/2	503.47	1/2	149.30
3/4	2,611.85	3/4	2,257.56	3/4	1,903.27	3/4	1,548.98	3/4	1,197.86	3/4	850.36	3/4	496.09	3/4	141.94
2	2,604.47	2	2,250.18	2	1,895.89	2	1,541.60	2	1,190.73	2	842.97	2	488.71	2	134.59
1/4	2,597.09	1/4	2,242.80	1/4	1,888.51	1/4	1,534.21	1/4	1,183.59	1/4	835.59	1/4	481.33	1/4	127.26
1/2	2,589.71	1/2	2,235.42	1/2	1,881.13	1/2	1,526.83	1/2	1,176.46	1/2	828.21	1/2	473.94	1/2	119.93
3/4	2,582.33	3/4	2,228.04	3/4	1,873.74	3/4	1,519.45	3/4	1,169.33	3/4	820.83	3/4	466.56	3/4	112.60
3	2,574.95	3	2,220.66	3	1,866.36	3	1,512.07	3	1,162.20	3	813.45	3	459.18	3	105.27
1/4	2,567.57	1/4	2,213.28	1/4	1,858.98	1/4	1,504.69	1/4	1,155.07	1/4	806.07	1/4	451.80	1/4	98.20
1/2	2,560.19	1/2	2,205.89	1/2	1,851.60	1/2	1,497.31	1/2	1,147.94	1/2	798.69	1/2	444.42	1/2	91.14
3/4	2,552.81	3/4	2,198.51	3/4	1,844.22	3/4	1,489.93	3/4	1,140.81	3/4	791.31	3/4	437.04	3/4	84.08
4	2,545.42	4	2,191.13	4	1,836.84	4	1,482.55	4	1,133.68	4	783.93	4	429.66	4	77.01
1/4	2,538.04	1/4	2,183.75	1/4	1,829.46	1/4	1,475.17	1/4	1,126.55	1/4	776.55	1/4	422.28	1/4	70.81
1/2	2,530.66	1/2	2,176.37	1/2	1,822.08	1/2	1,467.78	1/2	1,119.41	1/2	769.17	1/2	414.90	1/2	64.60
3/4	2,523.28	3/4	2,168.99	3/4	1,814.70	3/4	1,460.40	3/4	1,112.28	3/4	761.79	3/4	407.52	3/4	58.39
5	2,515.90	5	2,161.61	5	1,807.31	5	1,453.02	5	1,105.15	5	754.41	5	400.14	5	52.18
1/4	2,508.52	1/4	2,154.23	1/4	1,799.93	1/4	1,445.64	1/4	1,098.02	1/4	747.03	1/4	392.76	1/4	47.20
1/2	2,501.14	1/2	2,146.85	1/2	1,792.55	1/2	1,438.26	1/2	1,090.89	1/2	739.65	1/2	385.38	1/2	42.21
3/4	2,493.76	3/4	2,139.46	3/4	1,785.17	3/4	1,430.88	3/4	1,083.76	3/4	732.27	3/4	378.00	3/4	37.23
6	2,486.38	6	2,132.08	6	1,777.79	6	1,423.50	6	1,076.63	6	724.88	6	370.62	6	32.25
1/4	2,478.99	1/4	2,124.70	1/4	1,770.41	1/4	1,416.12	1/4	1,069.50	1/4	717.50	1/4	363.24	1/4	28.50
1/2	2,471.61	1/2	2,117.32	1/2	1,763.03	1/2	1,408.74	1/2	1,062.37	1/2	710.12	1/2	355.85	1/2	24.75
3/4	2,464.23	3/4	2,109.94	3/4	1,755.65	3/4	1,401.35	3/4	1,055.23	3/4	702.74	3/4	348.47	3/4	21.00
7	2,456.85	7	2,102.56	7	1,748.27	7	1,393.97	7	1,048.10	7	695.36	7	341.09	7	17.24
1/4	2,449.47	1/4	2,095.18	1/4	1,740.88	1/4	1,386.59	1/4	1,040.97	1/4	687.98	1/4	333.71	1/4	14.72
1/2	2,442.09	1/2	2,087.80	1/2	1,733.50	1/2	1,379.21	1/2	1,033.84	1/2	680.60	1/2	326.33	1/2	12.20
3/4	2,434.71	3/4	2,080.42	3/4	1,726.12	3/4	1,371.83	3/4	1,026.70	3/4	673.22	3/4	318.95	3/4	9.68
8	2,427.33	8	2,073.03	8	1,718.74	8	1,364.45	8	1,019.57	8	665.84	8	311.57	8	7.16
1/4	2,419.95	1/4	2,065.65	1/4	1,711.36	1/4	1,357.07	1/4	1,012.32	1/4	658.46	1/4	304.19	1/4	5.87
1/2	2,412.57	1/2	2,058.27	1/2	1,703.98	1/2	1,349.69	1/2	1,005.08	1/2	651.08	1/2	296.81	1/2	4.58
3/4	2,405.18	3/4	2,050.89	3/4	1,696.60	3/4	1,342.31	3/4	997.83	3/4	643.70	3/4	289.43	3/4	3.29
9	2,397.80	9	2,043.51	9	1,689.22	9	1,334.92	9	990.59	9	636.32	9	282.05	9	2.00
1/4	2,390.42	1/4	2,036.13	1/4	1,681.84	1/4	1,327.54	1/4	983.21	1/4	628.94	1/4	274.67		
1/2	2,383.04	1/2	2,028.75	1/2	1,674.46	1/2	1,320.16	1/2	975.83	1/2	621.56	1/2	267.29		
3/4	2,375.66	3/4	2,021.37	3/4	1,667.07	3/4	1,312.78	3/4	968.44	3/4	614.18	3/4	259.91		
10	2,368.28	10	2,013.99	10	1,659.69	10	1,305.40	10	961.06	10	606.80	10	252.53		
1/4	2,360.90	1/4	2,006.60	1/4	1,652.31	1/4	1,298.13	1/4	953.68	1/4	599.41	1/4	245.15		
1/2	2,353.52	1/2	1,999.22	1/2	1,644.93	1/2	1,290.86	1/2	946.30	1/2	592.03	1/2	237.77		
3/4	2,346.14	3/4	1,991.84	3/4	1,637.55	3/4	1,283.59	3/4	938.92	3/4	584.65	3/4	230.39		
11	2,338.75	11	1,984.46	11	1,630.17	11	1,276.31	11	931.54	11	577.27	11	223.00		
1/4	2,331.37	1/4	1,977.08	1/4	1,622.79	1/4	1,269.18	1/4	924.16	1/4	569.89	1/4	215.63		
1/2	2,323.99	1/2	1,969.70	1/2	1,615.41	1/2	1,262.04	1/2	916.78	1/2	562.51	1/2	208.25		
3/4	2,316.61	3/4	1,962.32	3/4	1,608.03	3/4	1,254.91	3/4	909.40	3/4	555.13	3/4	200.87		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-3" OFF CENTERLINE AND 42'-1" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

D. Endress

BARGE TTT 320

4 CENTER

ULLAGE TABLE
 BARRELS
 HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-8 7/8"

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	0	0	0	0	8,744.13	0	8,245.05	0	7,744.81	0	7,243.06	0	6,694.34	0	5,992.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,733.76	1/4	8,234.62	1/4	7,734.39	1/4	7,232.56	1/4	6,679.80	1/4	5,977.69		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,723.39	1/2	8,224.20	1/2	7,723.97	1/2	7,222.05	1/2	6,665.25	1/2	5,963.06		
3/4	3/4	3/4	3/4	13/16	3/4	3/4	9,101.06	3/4	8,713.02	3/4	8,213.78	3/4	7,713.54	3/4	7,211.55	3/4	6,650.71	3/4	5,948.43
1	1	1	1	1	1	1	9,100.09	1	8,702.65	1	8,203.36	1	7,703.12	1	7,201.04	1	6,636.12	1	5,933.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	9,098.38	1/4	8,692.28	1/4	8,192.94	1/4	7,692.70	1/4	7,190.54	1/4	6,621.48	1/4	5,919.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	9,096.67	1/2	8,681.92	1/2	8,182.52	1/2	7,682.28	1/2	7,180.03	1/2	6,606.85	1/2	5,904.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	9,094.96	3/4	8,671.55	3/4	8,172.10	3/4	7,671.86	3/4	7,169.53	3/4	6,592.22	3/4	5,889.90
2	2	2	2	2	2	2	9,092.37	2	8,661.18	2	8,161.67	2	7,661.44	2	7,159.02	2	6,577.59	2	5,875.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	9,088.91	1/4	8,650.81	1/4	8,151.25	1/4	7,651.02	1/4	7,148.52	1/4	6,562.96	1/4	5,860.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	9,085.45	1/2	8,640.44	1/2	8,140.83	1/2	7,640.59	1/2	7,138.01	1/2	6,548.33	1/2	5,846.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	9,081.98	3/4	8,630.07	3/4	8,130.41	3/4	7,630.17	3/4	7,127.50	3/4	6,533.69	3/4	5,831.37
3	3	3	3	3	3	3	9,077.65	3	8,619.70	3	8,119.99	3	7,619.75	3	7,117.00	3	6,519.06	3	5,816.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	9,072.43	1/4	8,609.33	1/4	8,109.57	1/4	7,609.33	1/4	7,106.49	1/4	6,504.43	1/4	5,802.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	9,067.22	1/2	8,598.96	1/2	8,099.14	1/2	7,598.91	1/2	7,095.99	1/2	6,489.80	1/2	5,787.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	9,062.00	3/4	8,588.59	3/4	8,088.72	3/4	7,588.49	3/4	7,085.48	3/4	6,475.17	3/4	5,772.85
4	4	4	4	4	4	4	9,055.91	4	8,578.23	4	8,078.30	4	7,578.06	4	7,074.98	4	6,460.54	4	5,758.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	9,048.95	1/4	8,567.86	1/4	8,067.88	1/4	7,567.64	1/4	7,064.47	1/4	6,445.90	1/4	5,743.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	9,041.98	1/2	8,557.49	1/2	8,057.46	1/2	7,557.22	1/2	7,053.97	1/2	6,431.27	1/2	5,728.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	9,035.01	3/4	8,547.12	3/4	8,047.04	3/4	7,546.80	3/4	7,043.46	3/4	6,416.64	3/4	5,714.32
5	5	5	5	5	5	5	9,027.18	5	8,536.74	5	8,036.61	5	7,536.38	5	7,032.95	5	6,402.01	5	5,699.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	9,018.47	1/4	8,526.35	1/4	8,026.19	1/4	7,525.96	1/4	7,022.42	1/4	6,387.38	1/4	5,685.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	9,009.77	1/2	8,515.96	1/2	8,015.77	1/2	7,515.53	1/2	7,011.90	1/2	6,372.75	1/2	5,670.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	9,001.06	3/4	8,505.57	3/4	8,005.35	3/4	7,505.11	3/4	7,001.38	3/4	6,358.11	3/4	5,655.79
6	6	6	6	6	6	6	8,991.71	6	8,495.16	6	7,994.93	6	7,494.69	6	6,990.77	6	6,343.48	6	5,641.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,981.70	1/4	8,484.74	1/4	7,984.51	1/4	7,484.27	1/4	6,980.07	1/4	6,328.85	1/4	5,626.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,971.70	1/2	8,474.32	1/2	7,974.08	1/2	7,473.85	1/2	6,969.38	1/2	6,314.22	1/2	5,611.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,961.70	3/4	8,463.90	3/4	7,963.66	3/4	7,463.43	3/4	6,958.69	3/4	6,299.59	3/4	5,597.27
7	7	7	7	7	7	7	8,951.51	7	8,453.48	7	7,953.24	7	7,452.99	7	6,947.75	7	6,284.96	7	5,582.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,941.14	1/4	8,443.06	1/4	7,942.82	1/4	7,442.54	1/4	6,936.56	1/4	6,270.32	1/4	5,568.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,930.77	1/2	8,432.64	1/2	7,932.40	1/2	7,432.08	1/2	6,925.37	1/2	6,255.69	1/2	5,553.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,920.40	3/4	8,422.21	3/4	7,921.98	3/4	7,421.63	3/4	6,914.18	3/4	6,241.06	3/4	5,538.74
8	8	8	8	8	8	8	8,910.03	8	8,411.79	8	7,911.56	8	7,411.15	8	6,902.65	8	6,226.43	8	5,524.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,899.66	1/4	8,401.37	1/4	7,901.13	1/4	7,400.65	1/4	6,890.76	1/4	6,211.80	1/4	5,509.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,889.30	1/2	8,390.95	1/2	7,890.71	1/2	7,390.14	1/2	6,878.88	1/2	6,197.17	1/2	5,494.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,878.93	3/4	8,380.53	3/4	7,880.29	3/4	7,379.63	3/4	6,867.00	3/4	6,182.53	3/4	5,480.21
9	9	9	9	9	9	9	8,868.56	9	8,370.11	9	7,869.87	9	7,369.13	9	6,854.77	9	6,167.90	9	5,465.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,858.19	1/4	8,359.68	1/4	7,859.45	1/4	7,358.62	1/4	6,842.19	1/4	6,153.27	1/4	5,450.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,847.82	1/2	8,349.26	1/2	7,849.03	1/2	7,348.12	1/2	6,829.61	1/2	6,138.64	1/2	5,436.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,837.45	3/4	8,338.84	3/4	7,838.60	3/4	7,337.61	3/4	6,817.03	3/4	6,124.01	3/4	5,421.69
10	10	10	10	10	10	10	8,827.08	10	8,328.42	10	7,828.18	10	7,327.11	10	6,804.10	10	6,109.38	10	5,407.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,816.71	1/4	8,318.00	1/4	7,817.76	1/4	7,316.60	1/4	6,790.82	1/4	6,094.74	1/4	5,392.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,806.34	1/2	8,307.58	1/2	7,807.34	1/2	7,306.10	1/2	6,777.55	1/2	6,080.11	1/2	5,377.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,795.97	3/4	8,297.15	3/4	7,796.92	3/4	7,295.59	3/4	6,764.27	3/4	6,065.48	3/4	5,363.16
11	11	11	11	11	11	11	8,785.61	11	8,286.73	11	7,786.50	11	7,285.09	11	6,750.63	11	6,050.85	11	5,348.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	8,775.24	1/4	8,276.31	1/4	7,776.07	1/4	7,274.58	1/4	6,736.63	1/4	6,036.22	1/4	5,333.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	8,764.87	1/2	8,265.89	1/2	7,765.65	1/2	7,264.07	1/2	6,722.62	1/2	6,021.59	1/2	5,319.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	8,754.50	3/4	8,255.47	3/4	7,755.23	3/4	7,253.57	3/4	6,708.62	3/4	6,006.95	3/4	5,304.63

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-7" OFF CENTERLINE TO STARBOARD AND 47'-6" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
 COMPUTED BY: TH FEB. 20-21, 2008
 STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

O. Endress

SAYBOLT LP.

Calibration Dept.
1026 W. Elizabeth Ave.
Linden, NJ 07036

BARGE TTT 320

4 CENTER

ULLAGE TABLE
BARRELS
HERMETIC GAUGING

HERMETIC GAUGE HEIGHT 17'-8 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	5,290.00	0	4,586.92	0	3,884.98	0	3,182.04	0	2,480.88	0	1,789.13	0	1,085.61	0	381.51
1/4	5,275.37	1/4	4,572.27	1/4	3,870.36	1/4	3,167.39	1/4	2,466.57	1/4	1,774.48	1/4	1,070.95	1/4	366.84
1/2	5,260.74	1/2	4,557.62	1/2	3,855.75	1/2	3,152.74	1/2	2,452.26	1/2	1,759.82	1/2	1,056.29	1/2	352.18
3/4	5,246.10	3/4	4,542.97	3/4	3,841.13	3/4	3,138.09	3/4	2,437.95	3/4	1,745.16	3/4	1,041.64	3/4	337.52
1	5,231.47	1	4,528.31	1	3,826.51	1	3,123.44	1	2,423.64	1	1,730.51	1	1,026.98	1	322.87
1/4	5,216.83	1/4	4,513.66	1/4	3,811.88	1/4	3,108.79	1/4	2,409.33	1/4	1,715.85	1/4	1,012.32	1/4	308.24
1/2	5,202.20	1/2	4,499.01	1/2	3,797.25	1/2	3,094.14	1/2	2,395.03	1/2	1,701.19	1/2	997.67	1/2	293.61
3/4	5,187.56	3/4	4,484.36	3/4	3,782.62	3/4	3,079.50	3/4	2,380.72	3/4	1,686.53	3/4	983.01	3/4	278.97
2	5,172.91	2	4,469.70	2	3,767.99	2	3,064.85	2	2,366.41	2	1,671.88	2	968.35	2	264.36
1/4	5,158.27	1/4	4,455.05	1/4	3,753.34	1/4	3,050.20	1/4	2,352.10	1/4	1,657.22	1/4	953.70	1/4	249.78
1/2	5,143.62	1/2	4,440.40	1/2	3,738.69	1/2	3,035.55	1/2	2,337.79	1/2	1,642.56	1/2	939.04	1/2	235.19
3/4	5,128.97	3/4	4,425.75	3/4	3,724.04	3/4	3,020.90	3/4	2,323.48	3/4	1,627.91	3/4	924.38	3/4	220.61
3	5,114.32	3	4,411.10	3	3,709.39	3	3,006.25	3	2,309.17	3	1,613.25	3	909.73	3	206.25
1/4	5,099.68	1/4	4,396.47	1/4	3,694.74	1/4	2,991.60	1/4	2,294.86	1/4	1,598.59	1/4	895.07	1/4	192.11
1/2	5,085.03	1/2	4,381.83	1/2	3,680.09	1/2	2,976.96	1/2	2,280.55	1/2	1,583.94	1/2	880.41	1/2	177.98
3/4	5,070.38	3/4	4,367.19	3/4	3,665.44	3/4	2,962.31	3/4	2,266.24	3/4	1,569.28	3/4	865.76	3/4	163.84
4	5,055.73	4	4,352.57	4	3,650.80	4	2,947.66	4	2,251.93	4	1,554.62	4	851.10	4	150.50
1/4	5,041.08	1/4	4,337.96	1/4	3,636.15	1/4	2,933.01	1/4	2,237.62	1/4	1,539.97	1/4	836.44	1/4	137.96
1/2	5,026.43	1/2	4,323.34	1/2	3,621.50	1/2	2,918.36	1/2	2,223.31	1/2	1,525.31	1/2	821.79	1/2	125.41
3/4	5,011.79	3/4	4,308.73	3/4	3,606.85	3/4	2,903.71	3/4	2,209.01	3/4	1,510.65	3/4	807.13	3/4	112.87
5	4,997.14	5	4,294.12	5	3,592.20	5	2,889.06	5	2,194.70	5	1,496.00	5	792.47	5	101.55
1/4	4,982.49	1/4	4,279.51	1/4	3,577.55	1/4	2,874.41	1/4	2,180.39	1/4	1,481.34	1/4	777.80	1/4	91.44
1/2	4,967.84	1/2	4,264.90	1/2	3,562.90	1/2	2,859.77	1/2	2,166.08	1/2	1,466.68	1/2	763.14	1/2	81.34
3/4	4,953.19	3/4	4,250.29	3/4	3,548.25	3/4	2,845.12	3/4	2,151.77	3/4	1,452.03	3/4	748.47	3/4	71.24
6	4,938.53	6	4,235.68	6	3,533.61	6	2,830.47	6	2,137.46	6	1,437.37	6	733.80	6	62.36
1/4	4,923.88	1/4	4,221.07	1/4	3,518.96	1/4	2,815.82	1/4	2,123.15	1/4	1,422.71	1/4	719.12	1/4	54.71
1/2	4,909.23	1/2	4,206.45	1/2	3,504.31	1/2	2,801.17	1/2	2,108.84	1/2	1,408.06	1/2	704.44	1/2	47.05
3/4	4,894.58	3/4	4,191.84	3/4	3,489.66	3/4	2,786.52	3/4	2,094.53	3/4	1,393.40	3/4	689.76	3/4	39.40
7	4,879.93	7	4,177.23	7	3,475.01	7	2,771.87	7	2,080.22	7	1,378.74	7	675.08	7	32.97
1/4	4,865.28	1/4	4,162.62	1/4	3,460.36	1/4	2,757.22	1/4	2,065.91	1/4	1,364.09	1/4	660.40	1/4	27.76
1/2	4,850.63	1/2	4,148.01	1/2	3,445.71	1/2	2,742.58	1/2	2,051.59	1/2	1,349.43	1/2	645.72	1/2	22.55
3/4	4,835.98	3/4	4,133.40	3/4	3,431.07	3/4	2,727.93	3/4	2,037.28	3/4	1,334.77	3/4	631.04	3/4	17.35
8	4,821.33	8	4,118.79	8	3,416.42	8	2,713.28	8	2,022.90	8	1,320.11	8	616.36	8	13.36
1/4	4,806.68	1/4	4,104.17	1/4	3,401.77	1/4	2,698.63	1/4	2,008.46	1/4	1,305.46	1/4	601.68	1/4	10.61
1/2	4,792.03	1/2	4,089.56	1/2	3,387.12	1/2	2,683.98	1/2	1,994.01	1/2	1,290.80	1/2	587.00	1/2	7.85
3/4	4,777.38	3/4	4,074.95	3/4	3,372.47	3/4	2,669.33	3/4	1,979.56	3/4	1,276.14	3/4	572.32	3/4	5.09
9	4,762.73	9	4,060.34	9	3,357.82	9	2,654.68	9	1,965.01	9	1,261.49	9	557.64	7/8	3.71
1/4	4,748.08	1/4	4,045.73	1/4	3,343.17	1/4	2,640.04	1/4	1,950.36	1/4	1,246.83	1/4	542.96		
1/2	4,733.43	1/2	4,031.12	1/2	3,328.52	1/2	2,625.39	1/2	1,935.70	1/2	1,232.17	1/2	528.28		
3/4	4,718.78	3/4	4,016.51	3/4	3,313.88	3/4	2,610.74	3/4	1,921.04	3/4	1,217.52	3/4	513.60		
10	4,704.13	10	4,001.90	10	3,299.23	10	2,596.15	10	1,906.39	10	1,202.86	10	498.92		
1/4	4,689.48	1/4	3,987.28	1/4	3,284.58	1/4	2,581.62	1/4	1,891.73	1/4	1,188.20	1/4	484.24		
1/2	4,674.83	1/2	3,972.67	1/2	3,269.93	1/2	2,567.09	1/2	1,877.07	1/2	1,173.55	1/2	469.56		
3/4	4,660.18	3/4	3,958.06	3/4	3,255.28	3/4	2,552.57	3/4	1,862.42	3/4	1,158.89	3/4	454.88		
11	4,645.53	11	3,943.44	11	3,240.63	11	2,538.14	11	1,847.76	11	1,144.23	11	440.20		
1/4	4,630.88	1/4	3,928.83	1/4	3,225.98	1/4	2,523.83	1/4	1,833.10	1/4	1,129.58	1/4	425.52		
1/2	4,616.22	1/2	3,914.21	1/2	3,211.33	1/2	2,509.51	1/2	1,818.45	1/2	1,114.92	1/2	410.85		
3/4	4,601.57	3/4	3,899.59	3/4	3,196.69	3/4	2,495.19	3/4	1,803.79	3/4	1,100.26	3/4	396.17		

GAUGE LOCATED AT HERMETIC STANDPIPE 1'-7" OFF CENTERLINE TO STARBOARD AND 47'-6" FORWARD OF AFT BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 02/08

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH FEB. 20-21, 2008
STRAPPED BY: AA-EL FEB. 13-14, 2008

SAYBOLT LP

D. Endress