



BARGE GREAT STRIDES HERMETIC ULLAGE TRIM TABLE

	Down by	1 ft		2 ft		3 ft		4 ft		5 ft		6 ft	
		BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT		00 -1/8	-00 -1/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8	00 -6/8	-00 -6/8	00 -7/8	-00 -7/8	01	-01
1 STARBOARD		00 -1/8	-00 -1/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8	00 -5/8	-00 -5/8	00 -7/8	-00 -7/8	01	-01
TWO		00	-00	00	-00	00	-00	00 -1/8	-00 -1/8	00 -1/8	-00 -1/8	00 -1/8	-00 -1/8
3 PORT		00 -1/8	-00 -1/8	00 -1/8	-00 -1/8	00 -2/8	-00 -2/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8	00 -4/8	-00 -4/8
3 STARBOARD		00 -1/8	-00 -1/8	00 -1/8	-00 -1/8	00 -2/8	-00 -2/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8	00 -4/8	-00 -4/8
4 PORT		00 -1/8	-00 -1/8	00 -1/8	-00 -1/8	00 -2/8	-00 -2/8	00 -3/8	-00 -3/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8
4 STARBOARD		00 -1/8	-00 -1/8	00 -1/8	-00 -1/8	00 -2/8	-00 -2/8	00 -3/8	-00 -3/8	00 -3/8	-00 -3/8	00 -4/8	-00 -4/8

COMPARTMENT 1 PORT

EXAMPLE FOR USE OF TRIM CORRECTION:

LENGTH BETWEEN DRAFT MARKS = 297.5'

FWD DRAFT = 3'-0"

AFT DRAFT = 6'-0"

DIFFERENCE = 3'-0" (DOWN BY STERN)

TRIM CORRECTION FOR TRIM OF 3'-00" DOWN BY STERN IS _____ →

TO THE OBSERVED ULLAGE GAUGE OF 04'-00-0/0" ADD OR SUBTRACT THE TRIM CORRECTION FROM THE TABLE TO THE OBSERVED GAUGE

THE TRIM CORRECTED GAUGE IS _____ →

FT INCHES
-00 -4/8

FT INCHES
3 11 -4/8

STRAPPED BY: AA/AV ON: 7/19/12

COMPUTED BY: JF ON: 7/24/12

D. Endress

SAYBOLT LP

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

GREAT STRIDES

1 PORT

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 9/16"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.		
0		6		0		6		0		6		0		6		0	4,606.59	6	4,427.68		
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,602.86	1/8	4,423.95		
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,599.14	1/4	4,420.23		
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,595.41	3/8	4,416.50		
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,591.68	1/2	4,412.77		
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,587.96	5/8	4,409.04		
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,584.23	3/4	4,405.32		
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	15/16	4,735.72	7/8	4,580.50	7/8	4,401.59	
1		7		1		7		1		7		1		7		7	4,734.70	1	4,576.77	7	4,397.86
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,732.65	1/8	4,573.05	1/8	4,394.14
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,730.61	1/4	4,569.32	1/4	4,390.41
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,728.56	3/8	4,565.59	3/8	4,386.68
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,726.52	1/2	4,561.86	1/2	4,382.95
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,723.91	5/8	4,558.14	5/8	4,379.23
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,721.30	3/4	4,554.41	3/4	4,375.50
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,718.69	7/8	4,550.68	7/8	4,371.77
2		8		2		8		2		8		2		8		8	4,716.09	2	4,546.95	8	4,368.04
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,713.48	1/8	4,543.23	1/8	4,364.32
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,710.87	1/4	4,539.50	1/4	4,360.59
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,708.26	3/8	4,535.77	3/8	4,356.86
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,705.66	1/2	4,532.05	1/2	4,353.14
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,702.46	5/8	4,528.32	5/8	4,349.41
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,699.26	3/4	4,524.59	3/4	4,345.68
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,696.06	7/8	4,520.86	7/8	4,341.95
3		9		3		9		3		9		3		9		9	4,692.86	3	4,517.14	9	4,338.23
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,689.66	1/8	4,513.41	1/8	4,334.50
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,686.47	1/4	4,509.68	1/4	4,330.77
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,683.27	3/8	4,505.95	3/8	4,327.04
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,680.07	1/2	4,502.23	1/2	4,323.32
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,676.47	5/8	4,498.50	5/8	4,319.59
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,672.87	3/4	4,494.77	3/4	4,315.86
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,669.27	7/8	4,491.05	7/8	4,312.14
4		10		4		10		4		10		4		10		10	4,665.67	4	4,487.32	10	4,308.41
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,662.07	1/8	4,483.59	1/8	4,304.68
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,658.47	1/4	4,479.86	1/4	4,300.95
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,654.87	3/8	4,476.14	3/8	4,297.23
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,651.27	1/2	4,472.41	1/2	4,293.50
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,647.55	5/8	4,468.68	5/8	4,289.77
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,643.82	3/4	4,464.95	3/4	4,286.04
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,640.10	7/8	4,461.23	7/8	4,282.31
5		11		5		11		5		11		5		11		11	4,636.38	5	4,457.50	11	4,278.58
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,632.66	1/8	4,453.77	1/8	4,274.85
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,628.94	1/4	4,450.05	1/4	4,271.12
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,625.22	3/8	4,446.32	3/8	4,267.40
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,621.50	1/2	4,442.59	1/2	4,263.67
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,617.77	5/8	4,438.86	5/8	4,259.92
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,614.05	3/4	4,435.14	3/4	4,256.18
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,610.32	7/8	4,431.41	7/8	4,252.43

GAUGE LOCATED 47'-9" FORWARD OF AFT AND 10'-3" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12 + 18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

1 PORT

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 9/16"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	4,248.69	6	4,068.46	0	3,888.18	6	3,707.89	0	3,527.61	6	3,347.33	0	3,167.04	6	2,986.76	0	2,806.48	6	2,626.19
1/8	4,244.94	1/8	4,064.70	1/8	3,884.42	1/8	3,704.14	1/8	3,523.86	1/8	3,343.57	1/8	3,163.29	1/8	2,983.01	1/8	2,802.72	1/8	2,622.44
1/4	4,241.20	1/4	4,060.95	1/4	3,880.67	1/4	3,700.38	1/4	3,520.10	1/4	3,339.82	1/4	3,159.53	1/4	2,979.25	1/4	2,798.97	1/4	2,618.68
3/8	4,237.45	3/8	4,057.19	3/8	3,876.91	3/8	3,696.63	3/8	3,516.34	3/8	3,336.06	3/8	3,155.78	3/8	2,975.49	3/8	2,795.21	3/8	2,614.93
1/2	4,233.71	1/2	4,053.44	1/2	3,873.15	1/2	3,692.87	1/2	3,512.59	1/2	3,332.30	1/2	3,152.02	1/2	2,971.74	1/2	2,791.45	1/2	2,611.17
5/8	4,229.95	5/8	4,049.68	5/8	3,869.40	5/8	3,689.11	5/8	3,508.83	5/8	3,328.55	5/8	3,148.27	5/8	2,967.98	5/8	2,787.70	5/8	2,607.42
3/4	4,226.20	3/4	4,045.93	3/4	3,865.64	3/4	3,685.36	3/4	3,505.08	3/4	3,324.79	3/4	3,144.51	3/4	2,964.23	3/4	2,783.94	3/4	2,603.66
7/8	4,222.44	7/8	4,042.17	7/8	3,861.89	7/8	3,681.60	7/8	3,501.32	7/8	3,321.04	7/8	3,140.75	7/8	2,960.47	7/8	2,780.19	7/8	2,599.90
1	4,218.69	7	4,038.41	1	3,858.13	7	3,677.85	1	3,497.56	7	3,317.28	1	3,137.00	7	2,956.71	1	2,776.43	7	2,596.15
1/8	4,214.94	1/8	4,034.66	1/8	3,854.37	1/8	3,674.09	1/8	3,493.81	1/8	3,313.52	1/8	3,133.24	1/8	2,952.96	1/8	2,772.68	1/8	2,592.39
1/4	4,211.18	1/4	4,030.90	1/4	3,850.62	1/4	3,670.34	1/4	3,490.05	1/4	3,309.77	1/4	3,129.49	1/4	2,949.20	1/4	2,768.92	1/4	2,588.64
3/8	4,207.43	3/8	4,027.15	3/8	3,846.86	3/8	3,666.58	3/8	3,486.30	3/8	3,306.01	3/8	3,125.73	3/8	2,945.45	3/8	2,765.16	3/8	2,584.88
1/2	4,203.67	1/2	4,023.39	1/2	3,843.11	1/2	3,662.82	1/2	3,482.54	1/2	3,302.26	1/2	3,121.97	1/2	2,941.69	1/2	2,761.41	1/2	2,581.12
5/8	4,199.92	5/8	4,019.63	5/8	3,839.35	5/8	3,659.07	5/8	3,478.78	5/8	3,298.50	5/8	3,118.22	5/8	2,937.93	5/8	2,757.65	5/8	2,577.37
3/4	4,196.16	3/4	4,015.88	3/4	3,835.59	3/4	3,655.31	3/4	3,475.03	3/4	3,294.75	3/4	3,114.46	3/4	2,934.18	3/4	2,753.90	3/4	2,573.61
7/8	4,192.41	7/8	4,012.12	7/8	3,831.84	7/8	3,651.56	7/8	3,471.27	7/8	3,290.99	7/8	3,110.71	7/8	2,930.42	7/8	2,750.14	7/8	2,569.86
2	4,188.65	8	4,008.37	2	3,828.08	8	3,647.80	2	3,467.52	8	3,287.23	2	3,106.95	8	2,926.67	2	2,746.38	8	2,566.10
1/8	4,184.89	1/8	4,004.61	1/8	3,824.33	1/8	3,644.04	1/8	3,463.76	1/8	3,283.48	1/8	3,103.19	1/8	2,922.91	1/8	2,742.63	1/8	2,562.34
1/4	4,181.14	1/4	4,000.85	1/4	3,820.57	1/4	3,640.29	1/4	3,460.00	1/4	3,279.72	1/4	3,099.44	1/4	2,919.16	1/4	2,738.87	1/4	2,558.59
3/8	4,177.38	3/8	3,997.10	3/8	3,816.82	3/8	3,636.53	3/8	3,456.25	3/8	3,275.97	3/8	3,095.68	3/8	2,915.40	3/8	2,735.12	3/8	2,554.83
1/2	4,173.63	1/2	3,993.34	1/2	3,813.06	1/2	3,632.78	1/2	3,452.49	1/2	3,272.21	1/2	3,091.93	1/2	2,911.64	1/2	2,731.36	1/2	2,551.08
5/8	4,169.87	5/8	3,989.59	5/8	3,809.30	5/8	3,629.02	5/8	3,448.74	5/8	3,268.45	5/8	3,088.17	5/8	2,907.89	5/8	2,727.60	5/8	2,547.32
3/4	4,166.11	3/4	3,985.83	3/4	3,805.55	3/4	3,625.26	3/4	3,444.98	3/4	3,264.70	3/4	3,084.41	3/4	2,904.13	3/4	2,723.85	3/4	2,543.57
7/8	4,162.36	7/8	3,982.07	7/8	3,801.79	7/8	3,621.51	7/8	3,441.23	7/8	3,260.94	7/8	3,080.66	7/8	2,900.38	7/8	2,720.09	7/8	2,539.81
3	4,158.60	9	3,978.32	3	3,798.04	9	3,617.75	3	3,437.47	9	3,257.19	3	3,076.90	9	2,896.62	3	2,716.34	9	2,536.05
1/8	4,154.85	1/8	3,974.56	1/8	3,794.28	1/8	3,614.00	1/8	3,433.71	1/8	3,253.43	1/8	3,073.15	1/8	2,892.86	1/8	2,712.58	1/8	2,532.30
1/4	4,151.09	1/4	3,970.81	1/4	3,790.52	1/4	3,610.24	1/4	3,429.96	1/4	3,249.67	1/4	3,069.39	1/4	2,889.11	1/4	2,708.82	1/4	2,528.54
3/8	4,147.33	3/8	3,967.05	3/8	3,786.77	3/8	3,606.48	3/8	3,426.20	3/8	3,245.92	3/8	3,065.64	3/8	2,885.35	3/8	2,705.07	3/8	2,524.79
1/2	4,143.58	1/2	3,963.30	1/2	3,783.01	1/2	3,602.73	1/2	3,422.45	1/2	3,242.16	1/2	3,061.88	1/2	2,881.60	1/2	2,701.31	1/2	2,521.03
5/8	4,139.82	5/8	3,959.54	5/8	3,779.26	5/8	3,598.97	5/8	3,418.69	5/8	3,238.41	5/8	3,058.12	5/8	2,877.84	5/8	2,697.56	5/8	2,517.27
3/4	4,136.07	3/4	3,955.78	3/4	3,775.50	3/4	3,595.22	3/4	3,414.93	3/4	3,234.65	3/4	3,054.37	3/4	2,874.08	3/4	2,693.80	3/4	2,513.52
7/8	4,132.31	7/8	3,952.03	7/8	3,771.74	7/8	3,591.46	7/8	3,411.18	7/8	3,230.89	7/8	3,050.61	7/8	2,870.33	7/8	2,690.05	7/8	2,509.76
4	4,128.55	10	3,948.27	4	3,767.99	10	3,587.71	4	3,407.42	10	3,227.14	4	3,046.86	10	2,866.57	4	2,686.29	10	2,506.01
1/8	4,124.80	1/8	3,944.52	1/8	3,764.23	1/8	3,583.95	1/8	3,403.67	1/8	3,223.38	1/8	3,043.10	1/8	2,862.82	1/8	2,682.53	1/8	2,502.25
1/4	4,121.04	1/4	3,940.76	1/4	3,760.48	1/4	3,580.19	1/4	3,399.91	1/4	3,219.63	1/4	3,039.34	1/4	2,859.06	1/4	2,678.78	1/4	2,498.49
3/8	4,117.29	3/8	3,937.00	3/8	3,756.72	3/8	3,576.44	3/8	3,396.15	3/8	3,215.87	3/8	3,035.59	3/8	2,855.30	3/8	2,675.02	3/8	2,494.74
1/2	4,113.53	1/2	3,933.25	1/2	3,752.96	1/2	3,572.68	1/2	3,392.40	1/2	3,212.12	1/2	3,031.83	1/2	2,851.55	1/2	2,671.27	1/2	2,490.98
5/8	4,109.78	5/8	3,929.49	5/8	3,749.21	5/8	3,568.93	5/8	3,388.64	5/8	3,208.36	5/8	3,028.08	5/8	2,847.79	5/8	2,667.51	5/8	2,487.23
3/4	4,106.02	3/4	3,925.74	3/4	3,745.45	3/4	3,565.17	3/4	3,384.89	3/4	3,204.60	3/4	3,024.32	3/4	2,844.04	3/4	2,663.75	3/4	2,483.47
7/8	4,102.26	7/8	3,921.98	7/8	3,741.70	7/8	3,561.41	7/8	3,381.13	7/8	3,200.85	7/8	3,020.56	7/8	2,840.28	7/8	2,660.00	7/8	2,479.71
5	4,098.51	11	3,918.22	5	3,737.94	11	3,557.66	5	3,377.37	11	3,197.09	5	3,016.81	11	2,836.53	5	2,656.24	11	2,475.96
1/8	4,094.75	1/8	3,914.47	1/8	3,734.19	1/8	3,553.90	1/8	3,373.62	1/8	3,193.34	1/8	3,013.05	1/8	2,832.77	1/8	2,652.49	1/8	2,472.20
1/4	4,091.00	1/4	3,910.71	1/4	3,730.43	1/4	3,550.15	1/4	3,369.86	1/4	3,189.58	1/4	3,009.30	1/4	2,829.01	1/4	2,648.73	1/4	2,468.45
3/8	4,087.24	3/8	3,906.96	3/8	3,726.67	3/8	3,546.39	3/8	3,366.11	3/8	3,185.82	3/8	3,005.54	3/8	2,825.26	3/8	2,644.97	3/8	2,464.69
1/2	4,083.48	1/2	3,903.20	1/2	3,722.92	1/2	3,542.63	1/2	3,362.35	1/2	3,182.07	1/2	3,001.78	1/2	2,821.50	1/2	2,641.22	1/2	2,460.94
5/8	4,079.73	5/8	3,899.45	5/8	3,719.16	5/8	3,538.88	5/8	3,358.60	5/8	3,178.31	5/8	2,998.03	5/8	2,817.75	5/8	2,637.46	5/8	2,457.18
3/4	4,075.97	3/4	3,895.69	3/4	3,715.41	3/4	3,535.12	3/4	3,354.84	3/4	3,174.56	3/4	2,994.27	3/4	2,813.99	3/4	2,633.71	3/4	2,453.42
7/8	4,072.22	7/8	3,891.93	7/8	3,711.65	7/8	3,531.37	7/8	3,351.08	7/8	3,170.80	7/8	2,990.52	7/8	2,810.23	7/8	2,629.95	7/8	2,449.67

GAUGE LOCATED 47'-9" FORWARD OF AFT AND 10'-3" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

1 PORT

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 9/16"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,445.91	6	2,265.63	0	2,085.35	6	1,905.06	0	1,724.78	6	1,544.90	0	1,364.73	6	1,184.44	0	1,004.17	6	823.90
1/8	2,442.16	1/8	2,261.87	1/8	2,081.59	1/8	1,901.31	1/8	1,721.02	1/8	1,541.16	1/8	1,360.97	1/8	1,180.69	1/8	1,000.41	1/8	820.14
1/4	2,438.40	1/4	2,258.12	1/4	2,077.83	1/4	1,897.55	1/4	1,717.27	1/4	1,537.42	1/4	1,357.22	1/4	1,176.93	1/4	996.65	1/4	816.39
3/8	2,434.64	3/8	2,254.36	3/8	2,074.08	3/8	1,893.79	3/8	1,713.51	3/8	1,533.68	3/8	1,353.46	3/8	1,173.18	3/8	992.90	3/8	812.63
1/2	2,430.89	1/2	2,250.60	1/2	2,070.32	1/2	1,890.04	1/2	1,709.76	1/2	1,529.94	1/2	1,349.71	1/2	1,169.42	1/2	989.14	1/2	808.87
5/8	2,427.13	5/8	2,246.85	5/8	2,066.57	5/8	1,886.28	5/8	1,706.00	5/8	1,526.19	5/8	1,345.95	5/8	1,165.67	5/8	985.39	5/8	805.12
3/4	2,423.38	3/4	2,243.09	3/4	2,062.81	3/4	1,882.53	3/4	1,702.24	3/4	1,522.44	3/4	1,342.19	3/4	1,161.91	3/4	981.63	3/4	801.36
7/8	2,419.62	7/8	2,239.34	7/8	2,059.05	7/8	1,878.77	7/8	1,698.49	7/8	1,518.69	7/8	1,338.44	7/8	1,158.15	7/8	977.88	7/8	797.61
1	2,415.86	7	2,235.58	1	2,055.30	7	1,875.01	1	1,694.73	7	1,514.94	1	1,334.68	7	1,154.40	1	974.12	7	793.85
1/8	2,412.11	1/8	2,231.83	1/8	2,051.54	1/8	1,871.26	1/8	1,690.98	1/8	1,511.19	1/8	1,330.93	1/8	1,150.64	1/8	970.36	1/8	790.10
1/4	2,408.35	1/4	2,228.07	1/4	2,047.79	1/4	1,867.50	1/4	1,687.22	1/4	1,507.44	1/4	1,327.17	1/4	1,146.89	1/4	966.61	1/4	786.34
3/8	2,404.60	3/8	2,224.31	3/8	2,044.03	3/8	1,863.75	3/8	1,683.46	3/8	1,503.69	3/8	1,323.41	3/8	1,143.13	3/8	962.85	3/8	782.58
1/2	2,400.84	1/2	2,220.56	1/2	2,040.27	1/2	1,859.99	1/2	1,679.71	1/2	1,499.94	1/2	1,319.66	1/2	1,139.37	1/2	959.10	1/2	778.83
5/8	2,397.08	5/8	2,216.80	5/8	2,036.52	5/8	1,856.24	5/8	1,675.95	5/8	1,496.19	5/8	1,315.90	5/8	1,135.62	5/8	955.34	5/8	775.07
3/4	2,393.33	3/4	2,213.05	3/4	2,032.76	3/4	1,852.48	3/4	1,672.20	3/4	1,492.43	3/4	1,312.15	3/4	1,131.86	3/4	951.59	3/4	771.32
7/8	2,389.57	7/8	2,209.29	7/8	2,029.01	7/8	1,848.72	7/8	1,668.44	7/8	1,488.68	7/8	1,308.39	7/8	1,128.11	7/8	947.83	7/8	767.56
2	2,385.82	8	2,205.53	2	2,025.25	8	1,844.97	2	1,664.69	8	1,484.92	2	1,304.63	8	1,124.35	2	944.08	8	763.81
1/8	2,382.06	1/8	2,201.78	1/8	2,021.49	1/8	1,841.21	1/8	1,660.93	1/8	1,481.16	1/8	1,300.88	1/8	1,120.60	1/8	940.32	1/8	760.05
1/4	2,378.31	1/4	2,198.02	1/4	2,017.74	1/4	1,837.46	1/4	1,657.18	1/4	1,477.41	1/4	1,297.12	1/4	1,116.84	1/4	936.57	1/4	756.29
3/8	2,374.55	3/8	2,194.27	3/8	2,013.98	3/8	1,833.70	3/8	1,653.42	3/8	1,473.65	3/8	1,293.37	3/8	1,113.08	3/8	932.81	3/8	752.54
1/2	2,370.79	1/2	2,190.51	1/2	2,010.23	1/2	1,829.94	1/2	1,649.67	1/2	1,469.90	1/2	1,289.61	1/2	1,109.33	1/2	929.06	1/2	748.78
5/8	2,367.04	5/8	2,186.75	5/8	2,006.47	5/8	1,826.19	5/8	1,645.92	5/8	1,466.14	5/8	1,285.85	5/8	1,105.57	5/8	925.30	5/8	745.03
3/4	2,363.28	3/4	2,183.00	3/4	2,002.72	3/4	1,822.43	3/4	1,642.18	3/4	1,462.39	3/4	1,282.10	3/4	1,101.82	3/4	921.54	3/4	741.27
7/8	2,359.53	7/8	2,179.24	7/8	1,998.96	7/8	1,818.68	7/8	1,638.43	7/8	1,458.63	7/8	1,278.34	7/8	1,098.06	7/8	917.79	7/8	737.52
3	2,355.77	9	2,175.49	3	1,995.20	9	1,814.92	3	1,634.69	9	1,454.87	3	1,274.59	9	1,094.30	3	914.03	9	733.76
1/8	2,352.01	1/8	2,171.73	1/8	1,991.45	1/8	1,811.16	1/8	1,630.94	1/8	1,451.12	1/8	1,270.83	1/8	1,090.55	1/8	910.28	1/8	730.00
1/4	2,348.26	1/4	2,167.98	1/4	1,987.69	1/4	1,807.41	1/4	1,627.19	1/4	1,447.36	1/4	1,267.07	1/4	1,086.79	1/4	906.52	1/4	726.25
3/8	2,344.50	3/8	2,164.22	3/8	1,983.94	3/8	1,803.65	3/8	1,623.45	3/8	1,443.61	3/8	1,263.32	3/8	1,083.04	3/8	902.77	3/8	722.49
1/2	2,340.75	1/2	2,160.46	1/2	1,980.18	1/2	1,799.90	1/2	1,619.70	1/2	1,439.85	1/2	1,259.56	1/2	1,079.28	1/2	899.01	1/2	718.74
5/8	2,336.99	5/8	2,156.71	5/8	1,976.42	5/8	1,796.14	5/8	1,615.96	5/8	1,436.09	5/8	1,255.81	5/8	1,075.53	5/8	895.25	5/8	714.98
3/4	2,333.23	3/4	2,152.95	3/4	1,972.67	3/4	1,792.39	3/4	1,612.22	3/4	1,432.34	3/4	1,252.05	3/4	1,071.77	3/4	891.50	3/4	711.23
7/8	2,329.48	7/8	2,149.20	7/8	1,968.91	7/8	1,788.63	7/8	1,608.48	7/8	1,428.58	7/8	1,248.29	7/8	1,068.01	7/8	887.74	7/8	707.47
4	2,325.72	10	2,145.44	4	1,965.16	10	1,784.87	4	1,604.74	10	1,424.83	4	1,244.54	10	1,064.26	4	883.99	10	703.71
1/8	2,321.97	1/8	2,141.68	1/8	1,961.40	1/8	1,781.12	1/8	1,601.00	1/8	1,421.07	1/8	1,240.78	1/8	1,060.50	1/8	880.23	1/8	699.96
1/4	2,318.21	1/4	2,137.93	1/4	1,957.64	1/4	1,777.36	1/4	1,597.26	1/4	1,417.31	1/4	1,237.03	1/4	1,056.75	1/4	876.48	1/4	696.20
3/8	2,314.46	3/8	2,134.17	3/8	1,953.89	3/8	1,773.61	3/8	1,593.52	3/8	1,413.56	3/8	1,233.27	3/8	1,052.99	3/8	872.72	3/8	692.45
1/2	2,310.70	1/2	2,130.42	1/2	1,950.13	1/2	1,769.85	1/2	1,589.78	1/2	1,409.80	1/2	1,229.51	1/2	1,049.24	1/2	868.96	1/2	688.69
5/8	2,306.94	5/8	2,126.66	5/8	1,946.38	5/8	1,766.09	5/8	1,586.04	5/8	1,406.05	5/8	1,225.76	5/8	1,045.48	5/8	865.21	5/8	684.94
3/4	2,303.19	3/4	2,122.90	3/4	1,942.62	3/4	1,762.34	3/4	1,582.30	3/4	1,402.29	3/4	1,222.00	3/4	1,041.72	3/4	861.45	3/4	681.18
7/8	2,299.43	7/8	2,119.15	7/8	1,938.87	7/8	1,758.58	7/8	1,578.56	7/8	1,398.53	7/8	1,218.25	7/8	1,037.97	7/8	857.70	7/8	677.42
5	2,295.68	11	2,115.39	5	1,935.11	11	1,754.83	5	1,574.82	11	1,394.78	5	1,214.49	11	1,034.21	5	853.94	11	673.67
1/8	2,291.92	1/8	2,111.64	1/8	1,931.35	1/8	1,751.07	1/8	1,571.09	1/8	1,391.02	1/8	1,210.73	1/8	1,030.46	1/8	850.19	1/8	669.91
1/4	2,288.16	1/4	2,107.88	1/4	1,927.60	1/4	1,747.31	1/4	1,567.35	1/4	1,387.27	1/4	1,206.98	1/4	1,026.70	1/4	846.43	1/4	666.16
3/8	2,284.41	3/8	2,104.12	3/8	1,923.84	3/8	1,743.56	3/8	1,563.61	3/8	1,383.51	3/8	1,203.22	3/8	1,022.94	3/8	842.67	3/8	662.40
1/2	2,280.65	1/2	2,100.37	1/2	1,920.09	1/2	1,739.80	1/2	1,559.87	1/2	1,379.75	1/2	1,199.47	1/2	1,019.19	1/2	838.92	1/2	658.65
5/8	2,276.90	5/8	2,096.61	5/8	1,916.33	5/8	1,736.05	5/8	1,556.13	5/8	1,376.00	5/8	1,195.71	5/8	1,015.43	5/8	835.16	5/8	654.89
3/4	2,273.14	3/4	2,092.86	3/4	1,912.57	3/4	1,732.29	3/4	1,552.39	3/4	1,372.24	3/4	1,191.96	3/4	1,011.68	3/4	831.41	3/4	651.13
7/8	2,269.38	7/8	2,089.10	7/8	1,908.82	7/8	1,728.53	7/8	1,548.64	7/8	1,368.49	7/8	1,188.20	7/8	1,007.92	7/8	827.65	7/8	647.38

GAUGE LOCATED 47'-9" FORWARD OF AFT AND 10'-3" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Encinas

SAYBOLT LP

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

GREAT STRIDES

1 PORT
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 9/16"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	643.62	6	463.35	0	283.22	6	104.93
1/8	639.87	1/8	459.59	1/8	279.48	1/8	101.40
1/4	636.11	1/4	455.84	1/4	275.73	1/4	97.86
3/8	632.36	3/8	452.08	3/8	271.98	3/8	94.33
1/2	628.60	1/2	448.33	1/2	268.24	1/2	90.79
5/8	624.84	5/8	444.57	5/8	264.49	5/8	87.68
3/4	621.09	3/4	440.82	3/4	260.75	3/4	84.57
7/8	617.33	7/8	437.06	7/8	257.00	7/8	81.46
1	613.58	7	433.30	1	253.25	7	78.35
1/8	609.82	1/8	429.55	1/8	249.51	1/8	75.24
1/4	606.07	1/4	425.79	1/4	245.76	1/4	72.13
3/8	602.31	3/8	422.04	3/8	242.02	3/8	69.02
1/2	598.55	1/2	418.28	1/2	238.27	1/2	65.91
5/8	594.80	5/8	414.53	5/8	234.53	5/8	63.32
3/4	591.04	3/4	410.77	3/4	230.79	3/4	60.73
7/8	587.29	7/8	407.01	7/8	227.05	7/8	58.14
2	583.53	8	403.26	2	223.30	8	55.54
1/8	579.78	1/8	399.50	1/8	219.56	1/8	52.95
1/4	576.02	1/4	395.75	1/4	215.82	1/4	50.36
3/8	572.26	3/8	391.99	3/8	212.08	3/8	47.77
1/2	568.51	1/2	388.24	1/2	208.34	1/2	45.18
5/8	564.75	5/8	384.48	5/8	204.60	5/8	43.07
3/4	561.00	3/4	380.72	3/4	200.87	3/4	40.96
7/8	557.24	7/8	376.97	7/8	197.13	7/8	38.85
3	553.49	9	373.21	3	193.39	9	36.74
1/8	549.73	1/8	369.46	1/8	189.66	1/8	34.64
1/4	545.97	1/4	365.70	1/4	185.92	1/4	32.53
3/8	542.22	3/8	361.95	3/8	182.19	3/8	30.42
1/2	538.46	1/2	358.19	1/2	178.45	1/2	28.31
5/8	534.71	5/8	354.44	5/8	174.73	9/16	27.27
3/4	530.95	3/4	350.69	3/4	171.00		
7/8	527.20	7/8	346.94	7/8	167.28		
4	523.44	10	343.19	4	163.55		
1/8	519.68	1/8	339.44	1/8	159.83		
1/4	515.93	1/4	335.69	1/4	156.10		
3/8	512.17	3/8	331.94	3/8	152.38		
1/2	508.42	1/2	328.19	1/2	148.65		
5/8	504.66	5/8	324.44	5/8	144.95		
3/4	500.91	3/4	320.70	3/4	141.26		
7/8	497.15	7/8	316.95	7/8	137.56		
5	493.39	11	313.20	5	133.86		
1/8	489.64	1/8	309.45	1/8	130.16		
1/4	485.88	1/4	305.71	1/4	126.47		
3/8	482.13	3/8	301.96	3/8	122.77		
1/2	478.37	1/2	298.21	1/2	119.07		
5/8	474.62	5/8	294.47	5/8	115.54		
3/4	470.86	3/4	290.72	3/4	112.00		
7/8	467.10	7/8	286.97	7/8	108.47		

GAUGE LOCATED 47'-9" FORWARD OF AFT AND 10'-3" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

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TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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SAYBOLT LP

D. Endress

SAYBOLT LP

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

GREAT STRIDES

1 STAR

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 3/8"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0	4,585.62	6	4,407.17
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,581.90	1/8	4,403.45
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,578.19	1/4	4,399.73
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,574.47	3/8	4,396.01
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,570.75	1/2	4,392.30
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,567.03	5/8	4,388.58
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,563.31	3/4	4,384.86
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,719.72	7/8	4,559.60	7/8	4,381.14
1		7		1		7		1		7		1		7	4,717.60	1	4,555.88	7	4,377.42
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,715.49	1/8	4,552.16	1/8	4,373.71
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,713.38	1/4	4,548.44	1/4	4,369.99
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,711.26	3/8	4,544.73	3/8	4,366.27
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,708.55	1/2	4,541.01	1/2	4,362.55
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,705.83	5/8	4,537.29	5/8	4,358.84
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,703.12	3/4	4,533.57	3/4	4,355.12
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,700.41	7/8	4,529.85	7/8	4,351.40
2		8		2		8		2		8		2		8	4,697.69	2	4,526.14	8	4,347.68
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,694.98	1/8	4,522.42	1/8	4,343.96
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,692.27	1/4	4,518.70	1/4	4,340.25
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,689.55	3/8	4,514.98	3/8	4,336.53
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,686.25	1/2	4,511.27	1/2	4,332.81
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,682.96	5/8	4,507.55	5/8	4,329.09
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,679.66	3/4	4,503.83	3/4	4,325.38
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,676.36	7/8	4,500.11	7/8	4,321.66
3		9		3		9		3		9		3		9	4,673.06	3	4,496.39	9	4,317.94
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,669.76	1/8	4,492.68	1/8	4,314.22
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,666.46	1/4	4,488.96	1/4	4,310.50
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,663.16	3/8	4,485.24	3/8	4,306.79
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,659.51	1/2	4,481.52	1/2	4,303.07
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,655.86	5/8	4,477.81	5/8	4,299.35
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,652.20	3/4	4,474.09	3/4	4,295.63
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,648.55	7/8	4,470.37	7/8	4,291.92
4		10		4		10		4		10		4		10	4,644.90	4	4,466.65	10	4,288.20
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,641.25	1/8	4,462.93	1/8	4,284.48
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,637.60	1/4	4,459.22	1/4	4,280.76
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,633.95	3/8	4,455.50	3/8	4,277.04
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,630.24	1/2	4,451.78	1/2	4,273.32
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,626.52	5/8	4,448.06	5/8	4,269.60
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,622.80	3/4	4,444.35	3/4	4,265.88
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,619.08	7/8	4,440.63	7/8	4,262.16
5		11		5		11		5		11		5		11	4,615.36	5	4,436.91	11	4,258.44
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,611.65	1/8	4,433.19	1/8	4,254.72
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,607.93	1/4	4,429.47	1/4	4,251.00
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,604.21	3/8	4,425.76	3/8	4,247.28
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,600.49	1/2	4,422.04	1/2	4,243.54
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,596.78	5/8	4,418.32	5/8	4,239.80
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,593.06	3/4	4,414.60	3/4	4,236.06
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,589.34	7/8	4,410.89	7/8	4,232.32

GAUGE LOCATED 47'-7" FORWARD OF AFT AND 10'-5" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

1 STAR

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 3/8"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	4,228.58	6	4,048.80	0	3,868.97	6	3,689.14	0	3,509.31	6	3,329.48	0	3,149.64	6	2,969.81	0	2,789.98	6	2,610.15
1/8	4,224.84	1/8	4,045.06	1/8	3,865.22	1/8	3,685.39	1/8	3,505.56	1/8	3,325.73	1/8	3,145.90	1/8	2,966.06	1/8	2,786.23	1/8	2,606.40
1/4	4,221.10	1/4	4,041.31	1/4	3,861.48	1/4	3,681.65	1/4	3,501.81	1/4	3,321.98	1/4	3,142.15	1/4	2,962.32	1/4	2,782.49	1/4	2,602.65
3/8	4,217.36	3/8	4,037.56	3/8	3,857.73	3/8	3,677.90	3/8	3,498.07	3/8	3,318.24	3/8	3,138.40	3/8	2,958.57	3/8	2,778.74	3/8	2,598.91
1/2	4,213.62	1/2	4,033.82	1/2	3,853.99	1/2	3,674.15	1/2	3,494.32	1/2	3,314.49	1/2	3,134.66	1/2	2,954.83	1/2	2,774.99	1/2	2,595.16
5/8	4,209.88	5/8	4,030.07	5/8	3,850.24	5/8	3,670.41	5/8	3,490.57	5/8	3,310.74	5/8	3,130.91	5/8	2,951.08	5/8	2,771.25	5/8	2,591.41
3/4	4,206.14	3/4	4,026.32	3/4	3,846.49	3/4	3,666.66	3/4	3,486.83	3/4	3,307.00	3/4	3,127.16	3/4	2,947.33	3/4	2,767.50	3/4	2,587.67
7/8	4,202.39	7/8	4,022.58	7/8	3,842.75	7/8	3,662.91	7/8	3,483.08	7/8	3,303.25	7/8	3,123.42	7/8	2,943.59	7/8	2,763.75	7/8	2,583.92
1	4,198.65	7	4,018.83	1	3,839.00	7	3,659.17	1	3,479.34	7	3,299.50	1	3,119.67	7	2,939.84	1	2,760.01	7	2,580.18
1/8	4,194.91	1/8	4,015.08	1/8	3,835.25	1/8	3,655.42	1/8	3,475.59	1/8	3,295.76	1/8	3,115.92	1/8	2,936.09	1/8	2,756.26	1/8	2,576.43
1/4	4,191.17	1/4	4,011.34	1/4	3,831.51	1/4	3,651.67	1/4	3,471.84	1/4	3,292.01	1/4	3,112.18	1/4	2,932.35	1/4	2,752.51	1/4	2,572.68
3/8	4,187.42	3/8	4,007.59	3/8	3,827.76	3/8	3,647.93	3/8	3,468.10	3/8	3,288.26	3/8	3,108.43	3/8	2,928.60	3/8	2,748.77	3/8	2,568.94
1/2	4,183.68	1/2	4,003.85	1/2	3,824.01	1/2	3,644.18	1/2	3,464.35	1/2	3,284.52	1/2	3,104.69	1/2	2,924.85	1/2	2,745.02	1/2	2,565.19
5/8	4,179.93	5/8	4,000.10	5/8	3,820.27	5/8	3,640.43	5/8	3,460.60	5/8	3,280.77	5/8	3,100.94	5/8	2,921.11	5/8	2,741.27	5/8	2,561.44
3/4	4,176.18	3/4	3,996.35	3/4	3,816.52	3/4	3,636.69	3/4	3,456.86	3/4	3,277.02	3/4	3,097.19	3/4	2,917.36	3/4	2,737.53	3/4	2,557.70
7/8	4,172.44	7/8	3,992.61	7/8	3,812.77	7/8	3,632.94	7/8	3,453.11	7/8	3,273.28	7/8	3,093.45	7/8	2,913.61	7/8	2,733.78	7/8	2,553.95
2	4,168.69	8	3,988.86	2	3,809.03	8	3,629.20	2	3,449.36	8	3,269.53	2	3,089.70	8	2,909.87	2	2,730.04	8	2,550.20
1/8	4,164.94	1/8	3,985.11	1/8	3,805.28	1/8	3,625.45	1/8	3,445.62	1/8	3,265.78	1/8	3,085.95	1/8	2,906.12	1/8	2,726.29	1/8	2,546.46
1/4	4,161.20	1/4	3,981.37	1/4	3,801.53	1/4	3,621.70	1/4	3,441.87	1/4	3,262.04	1/4	3,082.21	1/4	2,902.37	1/4	2,722.54	1/4	2,542.71
3/8	4,157.45	3/8	3,977.62	3/8	3,797.79	3/8	3,617.96	3/8	3,438.12	3/8	3,258.29	3/8	3,078.46	3/8	2,898.63	3/8	2,718.80	3/8	2,538.96
1/2	4,153.71	1/2	3,973.87	1/2	3,794.04	1/2	3,614.21	1/2	3,434.38	1/2	3,254.55	1/2	3,074.71	1/2	2,894.88	1/2	2,715.05	1/2	2,535.22
5/8	4,149.96	5/8	3,970.13	5/8	3,790.29	5/8	3,610.46	5/8	3,430.63	5/8	3,250.80	5/8	3,070.97	5/8	2,891.13	5/8	2,711.30	5/8	2,531.47
3/4	4,146.21	3/4	3,966.38	3/4	3,786.55	3/4	3,606.72	3/4	3,426.88	3/4	3,247.05	3/4	3,067.22	3/4	2,887.39	3/4	2,707.56	3/4	2,527.72
7/8	4,142.47	7/8	3,962.63	7/8	3,782.80	7/8	3,602.97	7/8	3,423.14	7/8	3,243.31	7/8	3,063.47	7/8	2,883.64	7/8	2,703.81	7/8	2,523.98
3	4,138.72	9	3,958.89	3	3,779.06	9	3,599.22	3	3,419.39	9	3,239.56	3	3,059.73	9	2,879.90	3	2,700.06	9	2,520.23
1/8	4,134.97	1/8	3,955.14	1/8	3,775.31	1/8	3,595.48	1/8	3,415.64	1/8	3,235.81	1/8	3,055.98	1/8	2,876.15	1/8	2,696.32	1/8	2,516.48
1/4	4,131.23	1/4	3,951.39	1/4	3,771.56	1/4	3,591.73	1/4	3,411.90	1/4	3,232.07	1/4	3,052.23	1/4	2,872.40	1/4	2,692.57	1/4	2,512.74
3/8	4,127.48	3/8	3,947.65	3/8	3,767.82	3/8	3,587.98	3/8	3,408.15	3/8	3,228.32	3/8	3,048.49	3/8	2,868.66	3/8	2,688.82	3/8	2,508.99
1/2	4,123.73	1/2	3,943.90	1/2	3,764.07	1/2	3,584.24	1/2	3,404.41	1/2	3,224.57	1/2	3,044.74	1/2	2,864.91	1/2	2,685.08	1/2	2,505.25
5/8	4,119.99	5/8	3,940.15	5/8	3,760.32	5/8	3,580.49	5/8	3,400.66	5/8	3,220.83	5/8	3,040.99	5/8	2,861.16	5/8	2,681.33	5/8	2,501.50
3/4	4,116.24	3/4	3,936.41	3/4	3,756.58	3/4	3,576.74	3/4	3,396.91	3/4	3,217.08	3/4	3,037.25	3/4	2,857.42	3/4	2,677.58	3/4	2,497.75
7/8	4,112.49	7/8	3,932.66	7/8	3,752.83	7/8	3,573.00	7/8	3,393.17	7/8	3,213.33	7/8	3,033.50	7/8	2,853.67	7/8	2,673.84	7/8	2,494.01
4	4,108.75	10	3,928.92	4	3,749.08	10	3,569.25	4	3,389.42	10	3,209.59	4	3,029.76	10	2,849.92	4	2,670.09	10	2,490.26
1/8	4,105.00	1/8	3,925.17	1/8	3,745.34	1/8	3,565.50	1/8	3,385.67	1/8	3,205.84	1/8	3,026.01	1/8	2,846.18	1/8	2,666.34	1/8	2,486.51
1/4	4,101.25	1/4	3,921.42	1/4	3,741.59	1/4	3,561.76	1/4	3,381.93	1/4	3,202.09	1/4	3,022.26	1/4	2,842.43	1/4	2,662.60	1/4	2,482.77
3/8	4,097.51	3/8	3,917.68	3/8	3,737.84	3/8	3,558.01	3/8	3,378.18	3/8	3,198.35	3/8	3,018.52	3/8	2,838.68	3/8	2,658.85	3/8	2,479.02
1/2	4,093.76	1/2	3,913.93	1/2	3,734.10	1/2	3,554.27	1/2	3,374.43	1/2	3,194.60	1/2	3,014.77	1/2	2,834.94	1/2	2,655.11	1/2	2,475.27
5/8	4,090.01	5/8	3,910.18	5/8	3,730.35	5/8	3,550.52	5/8	3,370.69	5/8	3,190.85	5/8	3,011.02	5/8	2,831.19	5/8	2,651.36	5/8	2,471.53
3/4	4,086.27	3/4	3,906.44	3/4	3,726.60	3/4	3,546.77	3/4	3,366.94	3/4	3,187.11	3/4	3,007.28	3/4	2,827.44	3/4	2,647.61	3/4	2,467.78
7/8	4,082.52	7/8	3,902.69	7/8	3,722.86	7/8	3,543.03	7/8	3,363.19	7/8	3,183.36	7/8	3,003.53	7/8	2,823.70	7/8	2,643.87	7/8	2,464.03
5	4,078.78	11	3,898.94	5	3,719.11	11	3,539.28	5	3,359.45	11	3,179.62	5	2,999.78	11	2,819.95	5	2,640.12	11	2,460.29
1/8	4,075.03	1/8	3,895.20	1/8	3,715.36	1/8	3,535.53	1/8	3,355.70	1/8	3,175.87	1/8	2,996.04	1/8	2,816.20	1/8	2,636.37	1/8	2,456.54
1/4	4,071.28	1/4	3,891.45	1/4	3,711.62	1/4	3,531.79	1/4	3,351.95	1/4	3,172.12	1/4	2,992.29	1/4	2,812.46	1/4	2,632.63	1/4	2,452.79
3/8	4,067.54	3/8	3,887.70	3/8	3,707.87	3/8	3,528.04	3/8	3,348.21	3/8	3,168.38	3/8	2,988.54	3/8	2,808.71	3/8	2,628.88	3/8	2,449.05
1/2	4,063.79	1/2	3,883.96	1/2	3,704.13	1/2	3,524.29	1/2	3,344.46	1/2	3,164.63	1/2	2,984.80	1/2	2,804.97	1/2	2,625.13	1/2	2,445.30
5/8	4,060.04	5/8	3,880.21	5/8	3,700.38	5/8	3,520.55	5/8	3,340.71	5/8	3,160.88	5/8	2,981.05	5/8	2,801.22	5/8	2,621.39	5/8	2,441.55
3/4	4,056.30	3/4	3,876.46	3/4	3,696.63	3/4	3,516.80	3/4	3,336.97	3/4	3,157.14	3/4	2,977.30	3/4	2,797.47	3/4	2,617.64	3/4	2,437.81
7/8	4,052.55	7/8	3,872.72	7/8	3,692.89	7/8	3,513.05	7/8	3,333.22	7/8	3,153.39	7/8	2,973.56	7/8	2,793.73	7/8	2,613.89	7/8	2,434.06

GAUGE LOCATED 47'-7" FORWARD OF AFT AND 10'-5" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

1 STAR

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 3/8"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,430.32	6	2,250.48	0	2,070.65	6	1,890.82	0	1,710.99	6	1,531.60	0	1,351.85	6	1,172.02	0	992.21	6	812.40
1/8	2,426.57	1/8	2,246.74	1/8	2,066.90	1/8	1,887.07	1/8	1,707.24	1/8	1,527.87	1/8	1,348.10	1/8	1,168.28	1/8	988.46	1/8	808.65
1/4	2,422.82	1/4	2,242.99	1/4	2,063.16	1/4	1,883.33	1/4	1,703.49	1/4	1,524.14	1/4	1,344.35	1/4	1,164.53	1/4	984.71	1/4	804.91
3/8	2,419.08	3/8	2,239.24	3/8	2,059.41	3/8	1,879.58	3/8	1,699.75	3/8	1,520.41	3/8	1,340.61	3/8	1,160.78	3/8	980.97	3/8	801.16
1/2	2,415.33	1/2	2,235.50	1/2	2,055.67	1/2	1,875.83	1/2	1,696.00	1/2	1,516.67	1/2	1,336.86	1/2	1,157.04	1/2	977.22	1/2	797.41
5/8	2,411.58	5/8	2,231.75	5/8	2,051.92	5/8	1,872.09	5/8	1,692.25	5/8	1,512.92	5/8	1,333.11	5/8	1,153.29	5/8	973.47	5/8	793.67
3/4	2,407.84	3/4	2,228.00	3/4	2,048.17	3/4	1,868.34	3/4	1,688.51	3/4	1,509.18	3/4	1,329.37	3/4	1,149.55	3/4	969.73	3/4	789.92
7/8	2,404.09	7/8	2,224.26	7/8	2,044.43	7/8	1,864.59	7/8	1,684.76	7/8	1,505.44	7/8	1,325.62	7/8	1,145.80	7/8	965.98	7/8	786.18
1	2,400.34	7	2,220.51	1	2,040.68	7	1,860.85	1	1,681.02	7	1,501.69	1	1,321.87	7	1,142.05	1	962.24	7	782.43
1/8	2,396.60	1/8	2,216.76	1/8	2,036.93	1/8	1,857.10	1/8	1,677.27	1/8	1,497.95	1/8	1,318.13	1/8	1,138.31	1/8	958.49	1/8	778.68
1/4	2,392.85	1/4	2,213.02	1/4	2,033.19	1/4	1,853.35	1/4	1,673.52	1/4	1,494.21	1/4	1,314.38	1/4	1,134.56	1/4	954.74	1/4	774.94
3/8	2,389.10	3/8	2,209.27	3/8	2,029.44	3/8	1,849.61	3/8	1,669.78	3/8	1,490.47	3/8	1,310.63	3/8	1,130.81	3/8	951.00	3/8	771.19
1/2	2,385.36	1/2	2,205.53	1/2	2,025.69	1/2	1,845.86	1/2	1,666.03	1/2	1,486.72	1/2	1,306.89	1/2	1,127.07	1/2	947.25	1/2	767.45
5/8	2,381.61	5/8	2,201.78	5/8	2,021.95	5/8	1,842.11	5/8	1,662.29	5/8	1,482.97	5/8	1,303.14	5/8	1,123.32	5/8	943.51	5/8	763.70
3/4	2,377.86	3/4	2,198.03	3/4	2,018.20	3/4	1,838.37	3/4	1,658.54	3/4	1,479.23	3/4	1,299.39	3/4	1,119.58	3/4	939.76	3/4	759.95
7/8	2,374.12	7/8	2,194.29	7/8	2,014.45	7/8	1,834.62	7/8	1,654.79	7/8	1,475.48	7/8	1,295.65	7/8	1,115.83	7/8	936.01	7/8	756.21
2	2,370.37	8	2,190.54	2	2,010.71	8	1,830.88	2	1,651.05	8	1,471.73	2	1,291.90	8	1,112.08	2	932.27	8	752.46
1/8	2,366.62	1/8	2,186.79	1/8	2,006.96	1/8	1,827.13	1/8	1,647.30	1/8	1,467.99	1/8	1,288.15	1/8	1,108.34	1/8	928.52	1/8	748.72
1/4	2,362.88	1/4	2,183.05	1/4	2,003.21	1/4	1,823.38	1/4	1,643.56	1/4	1,464.24	1/4	1,284.41	1/4	1,104.59	1/4	924.78	1/4	744.97
3/8	2,359.13	3/8	2,179.30	3/8	1,999.47	3/8	1,819.64	3/8	1,639.81	3/8	1,460.49	3/8	1,280.66	3/8	1,100.85	3/8	921.03	3/8	741.22
1/2	2,355.39	1/2	2,175.55	1/2	1,995.72	1/2	1,815.89	1/2	1,636.08	1/2	1,456.75	1/2	1,276.92	1/2	1,097.10	1/2	917.29	1/2	737.48
5/8	2,351.64	5/8	2,171.81	5/8	1,991.97	5/8	1,812.14	5/8	1,632.35	5/8	1,453.00	5/8	1,273.17	5/8	1,093.35	5/8	913.54	5/8	733.73
3/4	2,347.89	3/4	2,168.06	3/4	1,988.23	3/4	1,808.40	3/4	1,628.61	3/4	1,449.25	3/4	1,269.42	3/4	1,089.61	3/4	909.79	3/4	729.99
7/8	2,344.15	7/8	2,164.31	7/8	1,984.48	7/8	1,804.65	7/8	1,624.88	7/8	1,445.51	7/8	1,265.68	7/8	1,085.86	7/8	906.05	7/8	726.24
3	2,340.40	9	2,160.57	3	1,980.74	9	1,800.90	3	1,621.14	9	1,441.76	3	1,261.93	9	1,082.11	3	902.30	9	722.49
1/8	2,336.65	1/8	2,156.82	1/8	1,976.99	1/8	1,797.16	1/8	1,617.41	1/8	1,438.01	1/8	1,258.18	1/8	1,078.37	1/8	898.56	1/8	718.75
1/4	2,332.91	1/4	2,153.07	1/4	1,973.24	1/4	1,793.41	1/4	1,613.68	1/4	1,434.27	1/4	1,254.44	1/4	1,074.62	1/4	894.81	1/4	715.00
3/8	2,329.16	3/8	2,149.33	3/8	1,969.50	3/8	1,789.66	3/8	1,609.94	3/8	1,430.52	3/8	1,250.69	3/8	1,070.88	3/8	891.06	3/8	711.26
1/2	2,325.41	1/2	2,145.58	1/2	1,965.75	1/2	1,785.92	1/2	1,606.21	1/2	1,426.78	1/2	1,246.94	1/2	1,067.13	1/2	887.32	1/2	707.51
5/8	2,321.67	5/8	2,141.83	5/8	1,962.00	5/8	1,782.17	5/8	1,602.48	5/8	1,423.03	5/8	1,243.20	5/8	1,063.38	5/8	883.57	5/8	703.76
3/4	2,317.92	3/4	2,138.09	3/4	1,958.26	3/4	1,778.42	3/4	1,598.75	3/4	1,419.28	3/4	1,239.45	3/4	1,059.64	3/4	879.83	3/4	700.02
7/8	2,314.17	7/8	2,134.34	7/8	1,954.51	7/8	1,774.68	7/8	1,595.02	7/8	1,415.54	7/8	1,235.71	7/8	1,055.89	7/8	876.08	7/8	696.27
4	2,310.43	10	2,130.60	4	1,950.76	10	1,770.93	4	1,591.29	10	1,411.79	4	1,231.96	10	1,052.14	4	872.33	10	692.53
1/8	2,306.68	1/8	2,126.85	1/8	1,947.02	1/8	1,767.18	1/8	1,587.56	1/8	1,408.04	1/8	1,228.22	1/8	1,048.40	1/8	868.59	1/8	688.78
1/4	2,302.93	1/4	2,123.10	1/4	1,943.27	1/4	1,763.44	1/4	1,583.83	1/4	1,404.30	1/4	1,224.47	1/4	1,044.65	1/4	864.84	1/4	685.03
3/8	2,299.19	3/8	2,119.36	3/8	1,939.52	3/8	1,759.69	3/8	1,580.10	3/8	1,400.55	3/8	1,220.72	3/8	1,040.91	3/8	861.10	3/8	681.29
1/2	2,295.44	1/2	2,115.61	1/2	1,935.78	1/2	1,755.95	1/2	1,576.37	1/2	1,396.80	1/2	1,216.98	1/2	1,037.16	1/2	857.35	1/2	677.54
5/8	2,291.69	5/8	2,111.86	5/8	1,932.03	5/8	1,752.20	5/8	1,572.64	5/8	1,393.06	5/8	1,213.23	5/8	1,033.41	5/8	853.60	5/8	673.80
3/4	2,287.95	3/4	2,108.12	3/4	1,928.28	3/4	1,748.45	3/4	1,568.91	3/4	1,389.31	3/4	1,209.48	3/4	1,029.67	3/4	849.86	3/4	670.05
7/8	2,284.20	7/8	2,104.37	7/8	1,924.54	7/8	1,744.71	7/8	1,565.18	7/8	1,385.56	7/8	1,205.74	7/8	1,025.92	7/8	846.11	7/8	666.30
5	2,280.46	11	2,100.62	5	1,920.79	11	1,740.96	5	1,561.45	11	1,381.82	5	1,201.99	11	1,022.17	5	842.37	11	662.56
1/8	2,276.71	1/8	2,096.88	1/8	1,917.04	1/8	1,737.21	1/8	1,557.72	1/8	1,378.07	1/8	1,198.25	1/8	1,018.43	1/8	838.62	1/8	658.81
1/4	2,272.96	1/4	2,093.13	1/4	1,913.30	1/4	1,733.47	1/4	1,553.99	1/4	1,374.32	1/4	1,194.50	1/4	1,014.68	1/4	834.87	1/4	655.07
3/8	2,269.22	3/8	2,089.38	3/8	1,909.55	3/8	1,729.72	3/8	1,550.26	3/8	1,370.58	3/8	1,190.75	3/8	1,010.94	3/8	831.13	3/8	651.32
1/2	2,265.47	1/2	2,085.64	1/2	1,905.81	1/2	1,725.97	1/2	1,546.53	1/2	1,366.83	1/2	1,187.01	1/2	1,007.19	1/2	827.38	1/2	647.57
5/8	2,261.72	5/8	2,081.89	5/8	1,902.06	5/8	1,722.23	5/8	1,542.80	5/8	1,363.08	5/8	1,183.26	5/8	1,003.44	5/8	823.64	5/8	643.83
3/4	2,257.98	3/4	2,078.14	3/4	1,898.31	3/4	1,718.48	3/4	1,539.07	3/4	1,359.34	3/4	1,179.52	3/4	999.70	3/4	819.89	3/4	640.08
7/8	2,254.23	7/8	2,074.40	7/8	1,894.57	7/8	1,714.73	7/8	1,535.34	7/8	1,355.59	7/8	1,175.77	7/8	995.95	7/8	816.14	7/8	636.34

GAUGE LOCATED 47'-7" FORWARD OF AFT AND 10'-5" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endreao

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

GREAT STRIDES

1 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 3/8"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	632.59	6	452.78	0	273.14	6	95.82
1/8	628.84	1/8	449.04	1/8	269.41	1/8	92.34
1/4	625.10	1/4	445.29	1/4	265.67	1/4	88.86
3/8	621.35	3/8	441.54	3/8	261.93	3/8	85.37
1/2	617.61	1/2	437.80	1/2	258.20	1/2	82.37
5/8	613.86	5/8	434.05	5/8	254.46	5/8	79.36
3/4	610.11	3/4	430.31	3/4	250.73	3/4	76.36
7/8	606.37	7/8	426.56	7/8	246.99	7/8	73.35
1	602.62	7	422.81	1	243.25	7	70.34
1/8	598.88	1/8	419.07	1/8	239.52	1/8	67.34
1/4	595.13	1/4	415.32	1/4	235.78	1/4	64.33
3/8	591.38	3/8	411.58	3/8	232.05	3/8	61.33
1/2	587.64	1/2	407.83	1/2	228.32	1/2	58.84
5/8	583.89	5/8	404.08	5/8	224.58	5/8	56.35
3/4	580.15	3/4	400.34	3/4	220.85	3/4	53.86
7/8	576.40	7/8	396.59	7/8	217.12	7/8	51.37
2	572.65	8	392.85	2	213.39	8	48.89
1/8	568.91	1/8	389.10	1/8	209.66	1/8	46.40
1/4	565.16	1/4	385.35	1/4	205.93	1/4	43.91
3/8	561.42	3/8	381.61	3/8	202.20	3/8	41.42
1/2	557.67	1/2	377.86	1/2	198.47	1/2	39.41
5/8	553.92	5/8	374.12	5/8	194.75	5/8	37.39
3/4	550.18	3/4	370.37	3/4	191.02	3/4	35.37
7/8	546.43	7/8	366.63	7/8	187.30	7/8	33.36
3	542.69	9	362.88	3	183.57	9	31.34
1/8	538.94	1/8	359.14	1/8	179.85	1/8	29.33
1/4	535.19	1/4	355.39	1/4	176.12	1/4	27.31
3/8	531.45	3/8	351.64	3/8	172.40	3/8	25.29
1/2	527.70	1/2	347.90	1/2	168.69		
5/8	523.96	5/8	344.17	5/8	164.97		
3/4	520.21	3/4	340.43	3/4	161.26		
7/8	516.46	7/8	336.69	7/8	157.55		
4	512.72	10	332.95	4	153.83		
1/8	508.97	1/8	329.21	1/8	150.12		
1/4	505.23	1/4	325.47	1/4	146.41		
3/8	501.48	3/8	321.73	3/8	142.69		
1/2	497.73	1/2	317.99	1/2	139.01		
5/8	493.99	5/8	314.25	5/8	135.33		
3/4	490.24	3/4	310.52	3/4	131.65		
7/8	486.50	7/8	306.78	7/8	127.97		
5	482.75	11	303.04	5	124.29		
1/8	479.00	1/8	299.30	1/8	120.60		
1/4	475.26	1/4	295.57	1/4	116.92		
3/8	471.51	3/8	291.83	3/8	113.24		
1/2	467.77	1/2	288.09	1/2	109.76		
5/8	464.02	5/8	284.35	5/8	106.28		
3/4	460.27	3/4	280.62	3/4	102.79		
7/8	456.53	7/8	276.88	7/8	99.31		

GAUGE LOCATED 47'-7" FORWARD OF AFT AND 10'-5" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

GREAT STRIDES

2 CENTER ULLAGE TABLE BARRELS

HERMETIC GAUGE HEIGHT 17'-1 3/16"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.		
0		6		0		6		0		6		0		6		0	3,585.55	6	3,447.65		
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,582.77	1/8	3,444.77		
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,579.90	1/4	3,441.90		
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,577.03	3/8	3,439.02		
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,574.16	1/2	3,436.15		
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,571.29	5/8	3,433.27		
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,568.42	3/4	3,430.39		
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	15/16	3,661.90	7/8	3,565.55	7/8	3,427.52	
1		7		1		7		1		7		1		7		7	3,661.59	1	3,562.68	7	3,424.64
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,660.97	1/8	3,559.81	1/8	3,421.77
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,659.92	1/4	3,556.93	1/4	3,418.89
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,658.86	3/8	3,554.06	3/8	3,416.01
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,657.81	1/2	3,551.18	1/2	3,413.14
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,656.76	5/8	3,548.31	5/8	3,410.26
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,655.70	3/4	3,545.43	3/4	3,407.39
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	3,654.65	7/8	3,542.55	7/8	3,404.51
2		8		2		8		2		8		2		8		8	3,653.59	2	3,539.68	8	3,401.63
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,652.54	1/8	3,536.80	1/8	3,398.76
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,651.02	1/4	3,533.93	1/4	3,395.88
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,649.51	3/8	3,531.05	3/8	3,393.01
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,647.99	1/2	3,528.17	1/2	3,390.13
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,646.47	5/8	3,525.30	5/8	3,387.25
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,644.96	3/4	3,522.42	3/4	3,384.38
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	3,643.44	7/8	3,519.55	7/8	3,381.50
3		9		3		9		3		9		3		9		9	3,641.93	3	3,516.67	9	3,378.63
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,640.41	1/8	3,513.79	1/8	3,375.75
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,638.43	1/4	3,510.92	1/4	3,372.88
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,636.45	3/8	3,508.04	3/8	3,370.00
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,634.47	1/2	3,505.17	1/2	3,367.12
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,632.49	5/8	3,502.29	5/8	3,364.25
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,630.51	3/4	3,499.41	3/4	3,361.37
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	3,628.53	7/8	3,496.54	7/8	3,358.50
4		10		4		10		4		10		4		10		10	3,626.55	4	3,493.66	10	3,355.62
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,624.58	1/8	3,490.79	1/8	3,352.74
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,622.12	1/4	3,487.91	1/4	3,349.87
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,619.67	3/8	3,485.04	3/8	3,346.99
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,617.22	1/2	3,482.16	1/2	3,344.12
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,614.77	5/8	3,479.28	5/8	3,341.24
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,612.32	3/4	3,476.41	3/4	3,338.36
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	3,609.87	7/8	3,473.53	7/8	3,335.49
5		11		5		11		5		11		5		11		11	3,607.42	5	3,470.66	11	3,332.61
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	3,604.97	1/8	3,467.78	1/8	3,329.74
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	3,602.20	1/4	3,464.90	1/4	3,326.86
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	3,599.42	3/8	3,462.03	3/8	3,323.99
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	3,596.65	1/2	3,459.15	1/2	3,321.11
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	3,593.87	5/8	3,456.28	5/8	3,318.23
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	3,591.10	3/4	3,453.40	3/4	3,315.36
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	3,588.32	7/8	3,450.52	7/8	3,312.48

GAUGE LOCATED 17'-8" FORWARD OF AFT AND 4'-0" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

HERMETIC GAUGE HEIGHT 17'-1 3/16"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	3,309.61	6	3,170.87	0	3,031.89	6	2,892.93	0	2,753.97	6	2,615.01	0	2,476.05	6	2,337.09	0	2,198.13	6	2,059.17
1/8	3,306.73	1/8	3,167.98	1/8	3,028.99	1/8	2,890.03	1/8	2,751.07	1/8	2,612.11	1/8	2,473.15	1/8	2,334.19	1/8	2,195.23	1/8	2,056.27
1/4	3,303.85	1/4	3,165.08	1/4	3,026.10	1/4	2,887.14	1/4	2,748.18	1/4	2,609.22	1/4	2,470.26	1/4	2,331.30	1/4	2,192.34	1/4	2,053.38
3/8	3,300.98	3/8	3,162.19	3/8	3,023.20	3/8	2,884.24	3/8	2,745.28	3/8	2,606.32	3/8	2,467.36	3/8	2,328.40	3/8	2,189.44	3/8	2,050.48
1/2	3,298.10	1/2	3,159.29	1/2	3,020.31	1/2	2,881.35	1/2	2,742.39	1/2	2,603.43	1/2	2,464.47	1/2	2,325.51	1/2	2,186.55	1/2	2,047.59
5/8	3,295.22	5/8	3,156.40	5/8	3,017.41	5/8	2,878.45	5/8	2,739.49	5/8	2,600.53	5/8	2,461.57	5/8	2,322.61	5/8	2,183.65	5/8	2,044.69
3/4	3,292.35	3/4	3,153.50	3/4	3,014.52	3/4	2,875.56	3/4	2,736.60	3/4	2,597.64	3/4	2,458.68	3/4	2,319.72	3/4	2,180.76	3/4	2,041.80
7/8	3,289.47	7/8	3,150.61	7/8	3,011.62	7/8	2,872.66	7/8	2,733.70	7/8	2,594.74	7/8	2,455.78	7/8	2,316.82	7/8	2,177.86	7/8	2,038.90
1	3,286.59	7	3,147.71	1	3,008.73	7	2,869.77	1	2,730.81	7	2,591.85	1	2,452.89	7	2,313.93	1	2,174.97	7	2,036.01
1/8	3,283.72	1/8	3,144.82	1/8	3,005.83	1/8	2,866.87	1/8	2,727.91	1/8	2,588.95	1/8	2,449.99	1/8	2,311.03	1/8	2,172.07	1/8	2,033.11
1/4	3,280.83	1/4	3,141.92	1/4	3,002.94	1/4	2,863.98	1/4	2,725.02	1/4	2,586.06	1/4	2,447.10	1/4	2,308.14	1/4	2,169.18	1/4	2,030.22
3/8	3,277.94	3/8	3,139.03	3/8	3,000.04	3/8	2,861.08	3/8	2,722.12	3/8	2,583.16	3/8	2,444.20	3/8	2,305.24	3/8	2,166.28	3/8	2,027.32
1/2	3,275.06	1/2	3,136.13	1/2	2,997.15	1/2	2,858.19	1/2	2,719.23	1/2	2,580.27	1/2	2,441.31	1/2	2,302.35	1/2	2,163.39	1/2	2,024.43
5/8	3,272.17	5/8	3,133.24	5/8	2,994.25	5/8	2,855.29	5/8	2,716.33	5/8	2,577.37	5/8	2,438.41	5/8	2,299.45	5/8	2,160.49	5/8	2,021.53
3/4	3,269.28	3/4	3,130.34	3/4	2,991.36	3/4	2,852.40	3/4	2,713.44	3/4	2,574.48	3/4	2,435.52	3/4	2,296.56	3/4	2,157.60	3/4	2,018.64
7/8	3,266.39	7/8	3,127.44	7/8	2,988.46	7/8	2,849.50	7/8	2,710.54	7/8	2,571.58	7/8	2,432.62	7/8	2,293.66	7/8	2,154.70	7/8	2,015.74
2	3,263.51	8	3,124.55	2	2,985.57	8	2,846.61	2	2,707.65	8	2,568.69	2	2,429.73	8	2,290.77	2	2,151.81	8	2,012.85
1/8	3,260.62	1/8	3,121.65	1/8	2,982.67	1/8	2,843.71	1/8	2,704.75	1/8	2,565.79	1/8	2,426.83	1/8	2,287.87	1/8	2,148.91	1/8	2,009.95
1/4	3,257.72	1/4	3,118.76	1/4	2,979.78	1/4	2,840.82	1/4	2,701.86	1/4	2,562.90	1/4	2,423.94	1/4	2,284.98	1/4	2,146.02	1/4	2,007.06
3/8	3,254.83	3/8	3,115.86	3/8	2,976.88	3/8	2,837.92	3/8	2,698.96	3/8	2,560.00	3/8	2,421.04	3/8	2,282.08	3/8	2,143.12	3/8	2,004.16
1/2	3,251.93	1/2	3,112.97	1/2	2,973.99	1/2	2,835.03	1/2	2,696.07	1/2	2,557.11	1/2	2,418.15	1/2	2,279.19	1/2	2,140.23	1/2	2,001.27
5/8	3,249.04	5/8	3,110.07	5/8	2,971.09	5/8	2,832.13	5/8	2,693.17	5/8	2,554.21	5/8	2,415.25	5/8	2,276.29	5/8	2,137.33	5/8	1,998.37
3/4	3,246.15	3/4	3,107.18	3/4	2,968.20	3/4	2,829.24	3/4	2,690.28	3/4	2,551.32	3/4	2,412.36	3/4	2,273.40	3/4	2,134.44	3/4	1,995.48
7/8	3,243.25	7/8	3,104.28	7/8	2,965.30	7/8	2,826.34	7/8	2,687.38	7/8	2,548.42	7/8	2,409.46	7/8	2,270.50	7/8	2,131.54	7/8	1,992.58
3	3,240.36	9	3,101.39	3	2,962.41	9	2,823.45	3	2,684.49	9	2,545.53	3	2,406.57	9	2,267.61	3	2,128.65	9	1,989.69
1/8	3,237.46	1/8	3,098.49	1/8	2,959.51	1/8	2,820.55	1/8	2,681.59	1/8	2,542.63	1/8	2,403.67	1/8	2,264.71	1/8	2,125.75	1/8	1,986.79
1/4	3,234.57	1/4	3,095.60	1/4	2,956.62	1/4	2,817.66	1/4	2,678.70	1/4	2,539.74	1/4	2,400.78	1/4	2,261.82	1/4	2,122.86	1/4	1,983.90
3/8	3,231.67	3/8	3,092.70	3/8	2,953.72	3/8	2,814.76	3/8	2,675.80	3/8	2,536.84	3/8	2,397.88	3/8	2,258.92	3/8	2,119.96	3/8	1,981.00
1/2	3,228.78	1/2	3,089.81	1/2	2,950.83	1/2	2,811.87	1/2	2,672.91	1/2	2,533.95	1/2	2,394.99	1/2	2,256.03	1/2	2,117.07	1/2	1,978.11
5/8	3,225.88	5/8	3,086.91	5/8	2,947.93	5/8	2,808.97	5/8	2,670.01	5/8	2,531.05	5/8	2,392.09	5/8	2,253.13	5/8	2,114.17	5/8	1,975.21
3/4	3,222.99	3/4	3,084.02	3/4	2,945.04	3/4	2,806.08	3/4	2,667.12	3/4	2,528.16	3/4	2,389.20	3/4	2,250.24	3/4	2,111.28	3/4	1,972.32
7/8	3,220.09	7/8	3,081.12	7/8	2,942.14	7/8	2,803.18	7/8	2,664.22	7/8	2,525.26	7/8	2,386.30	7/8	2,247.34	7/8	2,108.38	7/8	1,969.42
4	3,217.20	10	3,078.23	4	2,939.25	10	2,800.29	4	2,661.33	10	2,522.37	4	2,383.41	10	2,244.45	4	2,105.49	10	1,966.53
1/8	3,214.30	1/8	3,075.33	1/8	2,936.35	1/8	2,797.39	1/8	2,658.43	1/8	2,519.47	1/8	2,380.51	1/8	2,241.55	1/8	2,102.59	1/8	1,963.63
1/4	3,211.41	1/4	3,072.44	1/4	2,933.46	1/4	2,794.50	1/4	2,655.54	1/4	2,516.58	1/4	2,377.62	1/4	2,238.66	1/4	2,099.70	1/4	1,960.74
3/8	3,208.51	3/8	3,069.54	3/8	2,930.56	3/8	2,791.60	3/8	2,652.64	3/8	2,513.68	3/8	2,374.72	3/8	2,235.76	3/8	2,096.80	3/8	1,957.84
1/2	3,205.62	1/2	3,066.65	1/2	2,927.67	1/2	2,788.71	1/2	2,649.75	1/2	2,510.79	1/2	2,371.83	1/2	2,232.87	1/2	2,093.91	1/2	1,954.95
5/8	3,202.72	5/8	3,063.75	5/8	2,924.77	5/8	2,785.81	5/8	2,646.85	5/8	2,507.89	5/8	2,368.93	5/8	2,229.97	5/8	2,091.01	5/8	1,952.05
3/4	3,199.82	3/4	3,060.86	3/4	2,921.88	3/4	2,782.92	3/4	2,643.96	3/4	2,505.00	3/4	2,366.04	3/4	2,227.08	3/4	2,088.12	3/4	1,949.16
7/8	3,196.93	7/8	3,057.96	7/8	2,918.98	7/8	2,780.02	7/8	2,641.06	7/8	2,502.10	7/8	2,363.14	7/8	2,224.18	7/8	2,085.22	7/8	1,946.26
5	3,194.03	11	3,055.06	5	2,916.09	11	2,777.13	5	2,638.17	11	2,499.21	5	2,360.25	11	2,221.29	5	2,082.33	11	1,943.37
1/8	3,191.14	1/8	3,052.17	1/8	2,913.19	1/8	2,774.23	1/8	2,635.27	1/8	2,496.31	1/8	2,357.35	1/8	2,218.39	1/8	2,079.43	1/8	1,940.47
1/4	3,188.24	1/4	3,049.27	1/4	2,910.30	1/4	2,771.34	1/4	2,632.38	1/4	2,493.42	1/4	2,354.46	1/4	2,215.50	1/4	2,076.54	1/4	1,937.58
3/8	3,185.35	3/8	3,046.38	3/8	2,907.40	3/8	2,768.44	3/8	2,629.48	3/8	2,490.52	3/8	2,351.56	3/8	2,212.60	3/8	2,073.64	3/8	1,934.68
1/2	3,182.45	1/2	3,043.48	1/2	2,904.51	1/2	2,765.55	1/2	2,626.59	1/2	2,487.63	1/2	2,348.67	1/2	2,209.71	1/2	2,070.75	1/2	1,931.79
5/8	3,179.56	5/8	3,040.58	5/8	2,901.61	5/8	2,762.65	5/8	2,623.69	5/8	2,484.73	5/8	2,345.77	5/8	2,206.81	5/8	2,067.85	5/8	1,928.89
3/4	3,176.66	3/4	3,037.68	3/4	2,898.72	3/4	2,759.76	3/4	2,620.80	3/4	2,481.84	3/4	2,342.88	3/4	2,203.92	3/4	2,064.96	3/4	1,926.00
7/8	3,173.77	7/8	3,034.79	7/8	2,895.82	7/8	2,756.86	7/8	2,617.90	7/8	2,478.94	7/8	2,339.98	7/8	2,201.02	7/8	2,062.06	7/8	1,923.10

GAUGE LOCATED 17'-8" FORWARD OF AFT AND 4'-0" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

2 CENTER

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 17'-1 3/16"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	1,920.21	6	1,781.25	0	1,642.29	6	1,503.33	0	1,364.37	6	1,225.41	0	1,086.45	6	947.58	0	809.02	6	670.36
1/8	1,917.31	1/8	1,778.35	1/8	1,639.39	1/8	1,500.43	1/8	1,361.47	1/8	1,222.51	1/8	1,083.55	1/8	944.70	1/8	806.13	1/8	667.46
1/4	1,914.42	1/4	1,775.46	1/4	1,636.50	1/4	1,497.54	1/4	1,358.58	1/4	1,219.62	1/4	1,080.66	1/4	941.81	1/4	803.24	1/4	664.57
3/8	1,911.52	3/8	1,772.56	3/8	1,633.60	3/8	1,494.64	3/8	1,355.68	3/8	1,216.72	3/8	1,077.76	3/8	938.92	3/8	800.36	3/8	661.67
1/2	1,908.63	1/2	1,769.67	1/2	1,630.71	1/2	1,491.75	1/2	1,352.79	1/2	1,213.83	1/2	1,074.87	1/2	936.04	1/2	797.47	1/2	658.78
5/8	1,905.73	5/8	1,766.77	5/8	1,627.81	5/8	1,488.85	5/8	1,349.89	5/8	1,210.93	5/8	1,071.97	5/8	933.15	5/8	794.58	5/8	655.88
3/4	1,902.84	3/4	1,763.88	3/4	1,624.92	3/4	1,485.96	3/4	1,347.00	3/4	1,208.04	3/4	1,069.08	3/4	930.26	3/4	791.70	3/4	652.99
7/8	1,899.94	7/8	1,760.98	7/8	1,622.02	7/8	1,483.06	7/8	1,344.10	7/8	1,205.14	7/8	1,066.18	7/8	927.38	7/8	788.81	7/8	650.10
1	1,897.05	7	1,758.09	1	1,619.13	7	1,480.17	1	1,341.21	7	1,202.25	1	1,063.29	7	924.49	1	785.92	7	647.20
1/8	1,894.15	1/8	1,755.19	1/8	1,616.23	1/8	1,477.27	1/8	1,338.31	1/8	1,199.35	1/8	1,060.39	1/8	921.60	1/8	783.04	1/8	644.31
1/4	1,891.26	1/4	1,752.30	1/4	1,613.34	1/4	1,474.38	1/4	1,335.42	1/4	1,196.46	1/4	1,057.50	1/4	918.71	1/4	780.15	1/4	641.41
3/8	1,888.36	3/8	1,749.40	3/8	1,610.44	3/8	1,471.48	3/8	1,332.52	3/8	1,193.56	3/8	1,054.60	3/8	915.83	3/8	777.26	3/8	638.52
1/2	1,885.47	1/2	1,746.51	1/2	1,607.55	1/2	1,468.59	1/2	1,329.63	1/2	1,190.67	1/2	1,051.71	1/2	912.94	1/2	774.37	1/2	635.62
5/8	1,882.57	5/8	1,743.61	5/8	1,604.65	5/8	1,465.69	5/8	1,326.73	5/8	1,187.77	5/8	1,048.81	5/8	910.05	5/8	771.49	5/8	632.73
3/4	1,879.68	3/4	1,740.72	3/4	1,601.76	3/4	1,462.80	3/4	1,323.84	3/4	1,184.88	3/4	1,045.92	3/4	907.17	3/4	768.60	3/4	629.83
7/8	1,876.78	7/8	1,737.82	7/8	1,598.86	7/8	1,459.90	7/8	1,320.94	7/8	1,181.98	7/8	1,043.02	7/8	904.28	7/8	765.71	7/8	626.94
2	1,873.89	8	1,734.93	2	1,595.97	8	1,457.01	2	1,318.05	8	1,179.09	2	1,040.13	8	901.39	2	762.83	8	624.04
1/8	1,870.99	1/8	1,732.03	1/8	1,593.07	1/8	1,454.11	1/8	1,315.15	1/8	1,176.19	1/8	1,037.23	1/8	898.51	1/8	759.94	1/8	621.15
1/4	1,868.10	1/4	1,729.14	1/4	1,590.18	1/4	1,451.22	1/4	1,312.26	1/4	1,173.30	1/4	1,034.34	1/4	895.62	1/4	757.05	1/4	618.26
3/8	1,865.20	3/8	1,726.24	3/8	1,587.28	3/8	1,448.32	3/8	1,309.36	3/8	1,170.40	3/8	1,031.44	3/8	892.73	3/8	754.17	3/8	615.36
1/2	1,862.31	1/2	1,723.35	1/2	1,584.39	1/2	1,445.43	1/2	1,306.47	1/2	1,167.51	1/2	1,028.55	1/2	889.85	1/2	751.28	1/2	612.47
5/8	1,859.41	5/8	1,720.45	5/8	1,581.49	5/8	1,442.53	5/8	1,303.57	5/8	1,164.61	5/8	1,025.65	5/8	886.96	5/8	748.39	5/8	609.57
3/4	1,856.52	3/4	1,717.56	3/4	1,578.60	3/4	1,439.64	3/4	1,300.68	3/4	1,161.72	3/4	1,022.76	3/4	884.07	3/4	745.51	3/4	606.68
7/8	1,853.62	7/8	1,714.66	7/8	1,575.70	7/8	1,436.74	7/8	1,297.78	7/8	1,158.82	7/8	1,019.86	7/8	881.19	7/8	742.62	7/8	603.78
3	1,850.73	9	1,711.77	3	1,572.81	9	1,433.85	3	1,294.89	9	1,155.93	3	1,016.97	9	878.30	3	739.73	9	600.89
1/8	1,847.83	1/8	1,708.87	1/8	1,569.91	1/8	1,430.95	1/8	1,291.99	1/8	1,153.03	1/8	1,014.07	1/8	875.41	1/8	736.85	1/8	597.99
1/4	1,844.94	1/4	1,705.98	1/4	1,567.02	1/4	1,428.06	1/4	1,289.10	1/4	1,150.14	1/4	1,011.18	1/4	872.53	1/4	733.96	1/4	595.10
3/8	1,842.04	3/8	1,703.08	3/8	1,564.12	3/8	1,425.16	3/8	1,286.20	3/8	1,147.24	3/8	1,008.28	3/8	869.64	3/8	731.07	3/8	592.20
1/2	1,839.15	1/2	1,700.19	1/2	1,561.23	1/2	1,422.27	1/2	1,283.31	1/2	1,144.35	1/2	1,005.39	1/2	866.75	1/2	728.19	1/2	589.31
5/8	1,836.25	5/8	1,697.29	5/8	1,558.33	5/8	1,419.37	5/8	1,280.41	5/8	1,141.45	5/8	1,002.49	5/8	863.87	5/8	725.30	5/8	586.41
3/4	1,833.36	3/4	1,694.40	3/4	1,555.44	3/4	1,416.48	3/4	1,277.52	3/4	1,138.56	3/4	999.60	3/4	860.98	3/4	722.41	3/4	583.52
7/8	1,830.46	7/8	1,691.50	7/8	1,552.54	7/8	1,413.58	7/8	1,274.62	7/8	1,135.66	7/8	996.70	7/8	858.09	7/8	719.52	7/8	580.63
4	1,827.57	10	1,688.61	4	1,549.65	10	1,410.69	4	1,271.73	10	1,132.77	4	993.81	10	855.21	4	716.64	10	577.73
1/8	1,824.67	1/8	1,685.71	1/8	1,546.75	1/8	1,407.79	1/8	1,268.83	1/8	1,129.87	1/8	990.91	1/8	852.32	1/8	713.75	1/8	574.84
1/4	1,821.78	1/4	1,682.82	1/4	1,543.86	1/4	1,404.90	1/4	1,265.94	1/4	1,126.98	1/4	988.02	1/4	849.43	1/4	710.86	1/4	571.94
3/8	1,818.88	3/8	1,679.92	3/8	1,540.96	3/8	1,402.00	3/8	1,263.04	3/8	1,124.08	3/8	985.13	3/8	846.54	3/8	707.97	3/8	569.05
1/2	1,815.99	1/2	1,677.03	1/2	1,538.07	1/2	1,399.11	1/2	1,260.15	1/2	1,121.19	1/2	982.24	1/2	843.66	1/2	705.07	1/2	566.15
5/8	1,813.09	5/8	1,674.13	5/8	1,535.17	5/8	1,396.21	5/8	1,257.25	5/8	1,118.29	5/8	979.35	5/8	840.77	5/8	702.18	5/8	563.26
3/4	1,810.20	3/4	1,671.24	3/4	1,532.28	3/4	1,393.32	3/4	1,254.36	3/4	1,115.40	3/4	976.46	3/4	837.88	3/4	699.29	3/4	560.36
7/8	1,807.30	7/8	1,668.34	7/8	1,529.38	7/8	1,390.42	7/8	1,251.46	7/8	1,112.50	7/8	973.57	7/8	835.00	7/8	696.40	7/8	557.47
5	1,804.41	11	1,665.45	5	1,526.49	11	1,387.53	5	1,248.57	11	1,109.61	5	970.68	11	832.11	5	693.51	11	554.57
1/8	1,801.51	1/8	1,662.55	1/8	1,523.59	1/8	1,384.63	1/8	1,245.67	1/8	1,106.71	1/8	967.79	1/8	829.22	1/8	690.62	1/8	551.68
1/4	1,798.62	1/4	1,659.66	1/4	1,520.70	1/4	1,381.74	1/4	1,242.78	1/4	1,103.82	1/4	964.91	1/4	826.34	1/4	687.72	1/4	548.78
3/8	1,795.72	3/8	1,656.76	3/8	1,517.80	3/8	1,378.84	3/8	1,239.88	3/8	1,100.92	3/8	962.02	3/8	823.45	3/8	684.83	3/8	545.89
1/2	1,792.83	1/2	1,653.87	1/2	1,514.91	1/2	1,375.95	1/2	1,236.99	1/2	1,098.03	1/2	959.13	1/2	820.56	1/2	681.93	1/2	543.00
5/8	1,789.93	5/8	1,650.97	5/8	1,512.01	5/8	1,373.05	5/8	1,234.09	5/8	1,095.13	5/8	956.24	5/8	817.68	5/8	679.04	5/8	540.10
3/4	1,787.04	3/4	1,648.08	3/4	1,509.12	3/4	1,370.16	3/4	1,231.20	3/4	1,092.24	3/4	953.36	3/4	814.79	3/4	676.15	3/4	537.21
7/8	1,784.14	7/8	1,645.18	7/8	1,506.22	7/8	1,367.26	7/8	1,228.30	7/8	1,089.34	7/8	950.47	7/8	811.90	7/8	673.25	7/8	534.31

GAUGE LOCATED 17'-8" FORWARD OF AFT AND 4'-0" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

2 CENTER

ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 17'-1 3/16"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.
0	531.42	6	392.48	0	253.58	6	115.34	0	13.85
1/8	528.52	1/8	389.58	1/8	250.69	1/8	112.47	1/8	12.59
1/4	525.63	1/4	386.69	1/4	247.81	1/4	109.62	1/4	11.73
3/8	522.73	3/8	383.79	3/8	244.92	3/8	106.77	3/8	10.86
1/2	519.84	1/2	380.90	1/2	242.04	1/2	103.92	1/2	9.99
5/8	516.94	5/8	378.00	5/8	239.15	5/8	101.07	5/8	9.13
3/4	514.05	3/4	375.11	3/4	236.27	3/4	98.22	3/4	8.26
7/8	511.15	7/8	372.21	7/8	233.38	7/8	95.37	7/8	7.39
1	508.26	7	369.32	1	230.50	7	92.52	1	6.53
1/8	505.37	1/8	366.42	1/8	227.61	1/8	89.67	1/8	5.66
1/4	502.47	1/4	363.53	1/4	224.73	1/4	86.94	3/16	5.24
3/8	499.58	3/8	360.64	3/8	221.85	3/8	84.22		
1/2	496.68	1/2	357.74	1/2	218.96	1/2	81.49		
5/8	493.79	5/8	354.85	5/8	216.08	5/8	78.77		
3/4	490.89	3/4	351.95	3/4	213.19	3/4	76.04		
7/8	488.00	7/8	349.06	7/8	210.31	7/8	73.31		
2	485.10	8	346.16	2	207.42	8	70.59		
1/8	482.21	1/8	343.27	1/8	204.54	1/8	67.86		
1/4	479.31	1/4	340.37	1/4	201.66	1/4	65.14		
3/8	476.42	3/8	337.48	3/8	198.77	3/8	62.42		
1/2	473.53	1/2	334.58	1/2	195.89	1/2	59.70		
5/8	470.63	5/8	331.69	5/8	193.01	5/8	56.98		
3/4	467.74	3/4	328.80	3/4	190.12	3/4	54.26		
7/8	464.84	7/8	325.90	7/8	187.24	7/8	51.54		
3	461.95	9	323.01	3	184.36	9	48.82		
1/8	459.05	1/8	320.11	1/8	181.47	1/8	46.10		
1/4	456.16	1/4	317.22	1/4	178.59	1/4	43.38		
3/8	453.26	3/8	314.32	3/8	175.71	3/8	40.66		
1/2	450.37	1/2	311.43	1/2	172.83	1/2	37.94		
5/8	447.47	5/8	308.53	5/8	169.95	5/8	35.22		
3/4	444.58	3/4	305.64	3/4	167.07	3/4	32.50		
7/8	441.68	7/8	302.74	7/8	164.19	7/8	29.78		
4	438.79	10	299.85	4	161.31	10	27.06		
1/8	435.90	1/8	296.95	1/8	158.43	1/8	24.34		
1/4	433.00	1/4	294.06	1/4	155.55	1/4	21.62		
3/8	430.11	3/8	291.17	3/8	152.67	3/8	18.90		
1/2	427.21	1/2	288.27	1/2	149.80	1/2	16.18		
5/8	424.32	5/8	285.38	5/8	146.92	5/8	13.46		
3/4	421.42	3/4	282.48	3/4	144.05	3/4	10.74		
7/8	418.53	7/8	279.59	7/8	141.17	7/8	8.02		
5	415.63	11	276.70	5	138.29	11	5.30		
1/8	412.74	1/8	273.80	1/8	135.42	1/8	2.58		
1/4	409.84	1/4	270.91	1/4	132.55	1/4	-0.14		
3/8	406.95	3/8	268.02	3/8	129.68	3/8	-2.86		
1/2	404.05	1/2	265.14	1/2	126.81	1/2	-5.58		
5/8	401.16	5/8	262.25	5/8	123.95	5/8	-8.30		
3/4	398.27	3/4	259.36	3/4	121.08	3/4	-11.02		
7/8	395.37	7/8	256.47	7/8	118.21	7/8	-13.74		

GAUGE LOCATED 17'-8" FORWARD OF AFT AND 4'-0" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

D. Endress

SAYBOLT LP

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

GREAT STRIDES

**3 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 7/16"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.		
0		6		0		6		0		6		0		6		0	2,848.43	6	2,737.09		
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,846.11	1/8	2,734.77		
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,843.79	1/4	2,732.45		
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,841.47	3/8	2,730.13		
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,839.15	1/2	2,727.81		
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,836.84	5/8	2,725.49		
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,834.52	3/4	2,723.17		
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	15/16	2,933.01	7/8	2,832.20	7/8	2,720.86	
1		7		1		7		1		7		1		7		1	2,932.29	1	2,829.88	1	2,718.54
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,930.85	1/8	2,827.56	1/8	2,716.22
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,929.42	1/4	2,825.24	1/4	2,713.90
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,927.98	3/8	2,822.92	3/8	2,711.58
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,926.19	1/2	2,820.60	1/2	2,709.26
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,924.40	5/8	2,818.28	5/8	2,706.94
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,922.60	3/4	2,815.96	3/4	2,704.62
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	2,920.81	7/8	2,813.64	7/8	2,702.30
2		8		2		8		2		8		2		8		2	2,919.02	2	2,811.32	2	2,699.98
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,917.23	1/8	2,809.00	1/8	2,697.66
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,915.44	1/4	2,806.68	1/4	2,695.34
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,913.65	3/8	2,804.36	3/8	2,693.02
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,911.54	1/2	2,802.04	1/2	2,690.70
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,909.43	5/8	2,799.72	5/8	2,688.38
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,907.33	3/4	2,797.40	3/4	2,686.06
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	2,905.22	7/8	2,795.08	7/8	2,683.74
3		9		3		9		3		9		3		9		3	2,903.11	3	2,792.76	3	2,681.42
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,901.00	1/8	2,790.44	1/8	2,679.10
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,898.89	1/4	2,788.12	1/4	2,676.78
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,896.78	3/8	2,785.80	3/8	2,674.46
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,894.51	1/2	2,783.48	1/2	2,672.14
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,892.23	5/8	2,781.16	5/8	2,669.82
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,889.95	3/4	2,778.85	3/4	2,667.50
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	2,887.68	7/8	2,776.53	7/8	2,665.18
4		10		4		10		4		10		4		10		4	2,885.40	4	2,774.21	4	2,662.87
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,883.12	1/8	2,771.89	1/8	2,660.55
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,880.85	1/4	2,769.57	1/4	2,658.23
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,878.57	3/8	2,767.25	3/8	2,655.91
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,876.25	1/2	2,764.93	1/2	2,653.58
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,873.93	5/8	2,762.61	5/8	2,651.26
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,871.62	3/4	2,760.29	3/4	2,648.93
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	2,869.30	7/8	2,757.97	7/8	2,646.60
5		11		5		11		5		11		5		11		5	2,866.98	5	2,755.65	5	2,644.28
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	2,864.67	1/8	2,753.33	1/8	2,641.95
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	2,862.35	1/4	2,751.01	1/4	2,639.63
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	2,860.03	3/8	2,748.69	3/8	2,637.30
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	2,857.71	1/2	2,746.37	1/2	2,634.97
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	2,855.39	5/8	2,744.05	5/8	2,632.63
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	2,853.07	3/4	2,741.73	3/4	2,630.30
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	2,850.75	7/8	2,739.41	7/8	2,627.96

GAUGE LOCATED 29'-2" FORWARD OF AFT AND 12'-1" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

**3 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 7/16"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2,625.62	6	2,513.34	0	2,401.02	6	2,288.70	0	2,176.38	6	2,064.06	0	1,951.74	6	1,839.42	0	1,727.10	6	1,614.78
1/8	2,623.29	1/8	2,511.00	1/8	2,398.68	1/8	2,286.36	1/8	2,174.04	1/8	2,061.72	1/8	1,949.40	1/8	1,837.08	1/8	1,724.76	1/8	1,612.44
1/4	2,620.95	1/4	2,508.66	1/4	2,396.34	1/4	2,284.02	1/4	2,171.70	1/4	2,059.38	1/4	1,947.06	1/4	1,834.74	1/4	1,722.42	1/4	1,610.10
3/8	2,618.62	3/8	2,506.32	3/8	2,394.00	3/8	2,281.68	3/8	2,169.36	3/8	2,057.04	3/8	1,944.72	3/8	1,832.40	3/8	1,720.08	3/8	1,607.76
1/2	2,616.28	1/2	2,503.98	1/2	2,391.66	1/2	2,279.34	1/2	2,167.02	1/2	2,054.70	1/2	1,942.38	1/2	1,830.06	1/2	1,717.74	1/2	1,605.42
5/8	2,613.94	5/8	2,501.64	5/8	2,389.32	5/8	2,277.00	5/8	2,164.68	5/8	2,052.36	5/8	1,940.04	5/8	1,827.72	5/8	1,715.40	5/8	1,603.08
3/4	2,611.60	3/4	2,499.30	3/4	2,386.98	3/4	2,274.66	3/4	2,162.34	3/4	2,050.02	3/4	1,937.70	3/4	1,825.38	3/4	1,713.06	3/4	1,600.74
7/8	2,609.26	7/8	2,496.96	7/8	2,384.64	7/8	2,272.32	7/8	2,160.00	7/8	2,047.68	7/8	1,935.36	7/8	1,823.04	7/8	1,710.72	7/8	1,598.40
1	2,606.92	7	2,494.62	1	2,382.30	7	2,269.98	1	2,157.66	7	2,045.34	1	1,933.02	7	1,820.70	1	1,708.38	7	1,596.06
1/8	2,604.58	1/8	2,492.28	1/8	2,379.96	1/8	2,267.64	1/8	2,155.32	1/8	2,043.00	1/8	1,930.68	1/8	1,818.36	1/8	1,706.04	1/8	1,593.72
1/4	2,602.24	1/4	2,489.94	1/4	2,377.62	1/4	2,265.30	1/4	2,152.98	1/4	2,040.66	1/4	1,928.34	1/4	1,816.02	1/4	1,703.70	1/4	1,591.38
3/8	2,599.90	3/8	2,487.60	3/8	2,375.28	3/8	2,262.96	3/8	2,150.64	3/8	2,038.32	3/8	1,926.00	3/8	1,813.68	3/8	1,701.36	3/8	1,589.04
1/2	2,597.57	1/2	2,485.26	1/2	2,372.94	1/2	2,260.62	1/2	2,148.30	1/2	2,035.98	1/2	1,923.66	1/2	1,811.34	1/2	1,699.02	1/2	1,586.70
5/8	2,595.23	5/8	2,482.92	5/8	2,370.60	5/8	2,258.28	5/8	2,145.96	5/8	2,033.64	5/8	1,921.32	5/8	1,809.00	5/8	1,696.68	5/8	1,584.36
3/4	2,592.89	3/4	2,480.58	3/4	2,368.26	3/4	2,255.94	3/4	2,143.62	3/4	2,031.30	3/4	1,918.98	3/4	1,806.66	3/4	1,694.34	3/4	1,582.02
7/8	2,590.55	7/8	2,478.24	7/8	2,365.92	7/8	2,253.60	7/8	2,141.28	7/8	2,028.96	7/8	1,916.64	7/8	1,804.32	7/8	1,692.00	7/8	1,579.68
2	2,588.21	8	2,475.90	2	2,363.58	8	2,251.26	2	2,138.94	8	2,026.62	2	1,914.30	8	1,801.98	2	1,689.66	8	1,577.34
1/8	2,585.88	1/8	2,473.56	1/8	2,361.24	1/8	2,248.92	1/8	2,136.60	1/8	2,024.28	1/8	1,911.96	1/8	1,799.64	1/8	1,687.32	1/8	1,575.00
1/4	2,583.54	1/4	2,471.22	1/4	2,358.90	1/4	2,246.58	1/4	2,134.26	1/4	2,021.94	1/4	1,909.62	1/4	1,797.30	1/4	1,684.98	1/4	1,572.66
3/8	2,581.20	3/8	2,468.88	3/8	2,356.56	3/8	2,244.24	3/8	2,131.92	3/8	2,019.60	3/8	1,907.28	3/8	1,794.96	3/8	1,682.64	3/8	1,570.32
1/2	2,578.86	1/2	2,466.54	1/2	2,354.22	1/2	2,241.90	1/2	2,129.58	1/2	2,017.26	1/2	1,904.94	1/2	1,792.62	1/2	1,680.30	1/2	1,567.98
5/8	2,576.52	5/8	2,464.20	5/8	2,351.88	5/8	2,239.56	5/8	2,127.24	5/8	2,014.92	5/8	1,902.60	5/8	1,790.28	5/8	1,677.96	5/8	1,565.64
3/4	2,574.18	3/4	2,461.86	3/4	2,349.54	3/4	2,237.22	3/4	2,124.90	3/4	2,012.58	3/4	1,900.26	3/4	1,787.94	3/4	1,675.62	3/4	1,563.30
7/8	2,571.84	7/8	2,459.52	7/8	2,347.20	7/8	2,234.88	7/8	2,122.56	7/8	2,010.24	7/8	1,897.92	7/8	1,785.60	7/8	1,673.28	7/8	1,560.96
3	2,569.50	9	2,457.18	3	2,344.86	9	2,232.54	3	2,120.22	9	2,007.90	3	1,895.58	9	1,783.26	3	1,670.94	9	1,558.62
1/8	2,567.16	1/8	2,454.84	1/8	2,342.52	1/8	2,230.20	1/8	2,117.88	1/8	2,005.56	1/8	1,893.24	1/8	1,780.92	1/8	1,668.60	1/8	1,556.28
1/4	2,564.82	1/4	2,452.50	1/4	2,340.18	1/4	2,227.86	1/4	2,115.54	1/4	2,003.22	1/4	1,890.90	1/4	1,778.58	1/4	1,666.26	1/4	1,553.94
3/8	2,562.48	3/8	2,450.16	3/8	2,337.84	3/8	2,225.52	3/8	2,113.20	3/8	2,000.88	3/8	1,888.56	3/8	1,776.24	3/8	1,663.92	3/8	1,551.60
1/2	2,560.14	1/2	2,447.82	1/2	2,335.50	1/2	2,223.18	1/2	2,110.86	1/2	1,998.54	1/2	1,886.22	1/2	1,773.90	1/2	1,661.58	1/2	1,549.26
5/8	2,557.80	5/8	2,445.48	5/8	2,333.16	5/8	2,220.84	5/8	2,108.52	5/8	1,996.20	5/8	1,883.88	5/8	1,771.56	5/8	1,659.24	5/8	1,546.92
3/4	2,555.46	3/4	2,443.14	3/4	2,330.82	3/4	2,218.50	3/4	2,106.18	3/4	1,993.86	3/4	1,881.54	3/4	1,769.22	3/4	1,656.90	3/4	1,544.58
7/8	2,553.12	7/8	2,440.80	7/8	2,328.48	7/8	2,216.16	7/8	2,103.84	7/8	1,991.52	7/8	1,879.20	7/8	1,766.88	7/8	1,654.56	7/8	1,542.24
4	2,550.78	10	2,438.46	4	2,326.14	10	2,213.82	4	2,101.50	10	1,989.18	4	1,876.86	10	1,764.54	4	1,652.22	10	1,539.90
1/8	2,548.44	1/8	2,436.12	1/8	2,323.80	1/8	2,211.48	1/8	2,099.16	1/8	1,986.84	1/8	1,874.52	1/8	1,762.20	1/8	1,649.88	1/8	1,537.56
1/4	2,546.10	1/4	2,433.78	1/4	2,321.46	1/4	2,209.14	1/4	2,096.82	1/4	1,984.50	1/4	1,872.18	1/4	1,759.86	1/4	1,647.54	1/4	1,535.22
3/8	2,543.76	3/8	2,431.44	3/8	2,319.12	3/8	2,206.80	3/8	2,094.48	3/8	1,982.16	3/8	1,869.84	3/8	1,757.52	3/8	1,645.20	3/8	1,532.88
1/2	2,541.42	1/2	2,429.10	1/2	2,316.78	1/2	2,204.46	1/2	2,092.14	1/2	1,979.82	1/2	1,867.50	1/2	1,755.18	1/2	1,642.86	1/2	1,530.54
5/8	2,539.08	5/8	2,426.76	5/8	2,314.44	5/8	2,202.12	5/8	2,089.80	5/8	1,977.48	5/8	1,865.16	5/8	1,752.84	5/8	1,640.52	5/8	1,528.20
3/4	2,536.74	3/4	2,424.42	3/4	2,312.10	3/4	2,199.78	3/4	2,087.46	3/4	1,975.14	3/4	1,862.82	3/4	1,750.50	3/4	1,638.18	3/4	1,525.86
7/8	2,534.40	7/8	2,422.08	7/8	2,309.76	7/8	2,197.44	7/8	2,085.12	7/8	1,972.80	7/8	1,860.48	7/8	1,748.16	7/8	1,635.84	7/8	1,523.52
5	2,532.06	11	2,419.74	5	2,307.42	11	2,195.10	5	2,082.78	11	1,970.46	5	1,858.14	11	1,745.82	5	1,633.50	11	1,521.18
1/8	2,529.72	1/8	2,417.40	1/8	2,305.08	1/8	2,192.76	1/8	2,080.44	1/8	1,968.12	1/8	1,855.80	1/8	1,743.48	1/8	1,631.16	1/8	1,518.84
1/4	2,527.38	1/4	2,415.06	1/4	2,302.74	1/4	2,190.42	1/4	2,078.10	1/4	1,965.78	1/4	1,853.46	1/4	1,741.14	1/4	1,628.82	1/4	1,516.50
3/8	2,525.04	3/8	2,412.72	3/8	2,300.40	3/8	2,188.08	3/8	2,075.76	3/8	1,963.44	3/8	1,851.12	3/8	1,738.80	3/8	1,626.48	3/8	1,514.16
1/2	2,522.70	1/2	2,410.38	1/2	2,298.06	1/2	2,185.74	1/2	2,073.42	1/2	1,961.10	1/2	1,848.78	1/2	1,736.46	1/2	1,624.14	1/2	1,511.82
5/8	2,520.36	5/8	2,408.04	5/8	2,295.72	5/8	2,183.40	5/8	2,071.08	5/8	1,958.76	5/8	1,846.44	5/8	1,734.12	5/8	1,621.80	5/8	1,509.48
3/4	2,518.02	3/4	2,405.70	3/4	2,293.38	3/4	2,181.06	3/4	2,068.74	3/4	1,956.42	3/4	1,844.10	3/4	1,731.78	3/4	1,619.46	3/4	1,507.14
7/8	2,515.68	7/8	2,403.36	7/8	2,291.04	7/8	2,178.72	7/8	2,066.40	7/8	1,954.08	7/8	1,841.76	7/8	1,729.44	7/8	1,617.12	7/8	1,504.80

GAUGE LOCATED 29'-2" FORWARD OF AFT AND 12'-1" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

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SAYBOLT LP

O. Endress

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Calibration Dept.
1026 W. Elizabeth Ave.
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GREAT STRIDES

**3 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 7/16"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	1,502.46	6	1,390.14	0	1,277.82	6	1,165.50	0	1,053.18	6	941.93	0	829.72	6	718.13	0	607.01	6	495.15
1/8	1,500.12	1/8	1,387.80	1/8	1,275.48	1/8	1,163.16	1/8	1,050.84	1/8	939.61	1/8	827.38	1/8	715.82	1/8	604.70	1/8	492.81
1/4	1,497.78	1/4	1,385.46	1/4	1,273.14	1/4	1,160.82	1/4	1,048.50	1/4	937.30	1/4	825.04	1/4	713.50	1/4	602.38	1/4	490.47
3/8	1,495.44	3/8	1,383.12	3/8	1,270.80	3/8	1,158.48	3/8	1,046.16	3/8	934.98	3/8	822.70	3/8	711.19	3/8	600.07	3/8	488.13
1/2	1,493.10	1/2	1,380.78	1/2	1,268.46	1/2	1,156.14	1/2	1,043.82	1/2	932.65	1/2	820.36	1/2	708.87	1/2	597.75	1/2	485.79
5/8	1,490.76	5/8	1,378.44	5/8	1,266.12	5/8	1,153.80	5/8	1,041.48	5/8	930.32	5/8	818.02	5/8	706.56	5/8	595.44	5/8	483.45
3/4	1,488.42	3/4	1,376.10	3/4	1,263.78	3/4	1,151.46	3/4	1,039.14	3/4	927.99	3/4	815.68	3/4	704.24	3/4	593.12	3/4	481.11
7/8	1,486.08	7/8	1,373.76	7/8	1,261.44	7/8	1,149.12	7/8	1,036.80	7/8	925.65	7/8	813.34	7/8	701.93	7/8	590.81	7/8	478.77
1	1,483.74	7	1,371.42	1	1,259.10	7	1,146.78	1	1,034.46	7	923.32	1	811.00	7	699.61	1	588.49	7	476.43
1/8	1,481.40	1/8	1,369.08	1/8	1,256.76	1/8	1,144.44	1/8	1,032.12	1/8	920.99	1/8	808.66	1/8	697.30	1/8	586.18	1/8	474.09
1/4	1,479.06	1/4	1,366.74	1/4	1,254.42	1/4	1,142.10	1/4	1,029.78	1/4	918.66	1/4	806.32	1/4	694.98	1/4	583.86	1/4	471.75
3/8	1,476.72	3/8	1,364.40	3/8	1,252.08	3/8	1,139.76	3/8	1,027.44	3/8	916.32	3/8	803.98	3/8	692.67	3/8	581.55	3/8	469.41
1/2	1,474.38	1/2	1,362.06	1/2	1,249.74	1/2	1,137.42	1/2	1,025.11	1/2	913.98	1/2	801.65	1/2	690.35	1/2	579.22	1/2	467.07
5/8	1,472.04	5/8	1,359.72	5/8	1,247.40	5/8	1,135.08	5/8	1,022.78	5/8	911.64	5/8	799.31	5/8	688.04	5/8	576.90	5/8	464.73
3/4	1,469.70	3/4	1,357.38	3/4	1,245.06	3/4	1,132.74	3/4	1,020.46	3/4	909.30	3/4	796.98	3/4	685.72	3/4	574.58	3/4	462.39
7/8	1,467.36	7/8	1,355.04	7/8	1,242.72	7/8	1,130.40	7/8	1,018.13	7/8	906.96	7/8	794.65	7/8	683.41	7/8	572.25	7/8	460.05
2	1,465.02	8	1,352.70	2	1,240.38	8	1,128.06	2	1,015.80	8	904.62	2	792.31	8	681.09	2	569.93	8	457.71
1/8	1,462.68	1/8	1,350.36	1/8	1,238.04	1/8	1,125.72	1/8	1,013.47	1/8	902.28	1/8	789.98	1/8	678.78	1/8	567.61	1/8	455.37
1/4	1,460.34	1/4	1,348.02	1/4	1,235.70	1/4	1,123.38	1/4	1,011.14	1/4	899.94	1/4	787.65	1/4	676.46	1/4	565.29	1/4	453.03
3/8	1,458.00	3/8	1,345.68	3/8	1,233.36	3/8	1,121.04	3/8	1,008.81	3/8	897.60	3/8	785.32	3/8	674.15	3/8	562.96	3/8	450.69
1/2	1,455.66	1/2	1,343.34	1/2	1,231.02	1/2	1,118.70	1/2	1,006.50	1/2	895.26	1/2	782.99	1/2	671.83	1/2	560.63	1/2	448.35
5/8	1,453.32	5/8	1,341.00	5/8	1,228.68	5/8	1,116.36	5/8	1,004.19	5/8	892.92	5/8	780.67	5/8	669.52	5/8	558.29	5/8	446.01
3/4	1,450.98	3/4	1,338.66	3/4	1,226.34	3/4	1,114.02	3/4	1,001.88	3/4	890.58	3/4	778.35	3/4	667.20	3/4	555.96	3/4	443.67
7/8	1,448.64	7/8	1,336.32	7/8	1,224.00	7/8	1,111.68	7/8	999.57	7/8	888.24	7/8	776.03	7/8	664.89	7/8	553.62	7/8	441.33
3	1,446.30	9	1,333.98	3	1,221.66	9	1,109.34	3	997.26	9	885.90	3	773.71	9	662.57	3	551.29	9	438.99
1/8	1,443.96	1/8	1,331.64	1/8	1,219.32	1/8	1,107.00	1/8	994.95	1/8	883.56	1/8	771.39	1/8	660.26	1/8	548.95	1/8	436.65
1/4	1,441.62	1/4	1,329.30	1/4	1,216.98	1/4	1,104.66	1/4	992.64	1/4	881.22	1/4	769.07	1/4	657.94	1/4	546.62	1/4	434.31
3/8	1,439.28	3/8	1,326.96	3/8	1,214.64	3/8	1,102.32	3/8	990.33	3/8	878.88	3/8	766.75	3/8	655.63	3/8	544.28	3/8	431.97
1/2	1,436.94	1/2	1,324.62	1/2	1,212.30	1/2	1,099.98	1/2	988.03	1/2	876.54	1/2	764.43	1/2	653.31	1/2	541.95	1/2	429.63
5/8	1,434.60	5/8	1,322.28	5/8	1,209.96	5/8	1,097.64	5/8	985.73	5/8	874.20	5/8	762.12	5/8	651.00	5/8	539.61	5/8	427.29
3/4	1,432.26	3/4	1,319.94	3/4	1,207.62	3/4	1,095.30	3/4	983.43	3/4	871.86	3/4	759.80	3/4	648.68	3/4	537.27	3/4	424.95
7/8	1,429.92	7/8	1,317.60	7/8	1,205.28	7/8	1,092.96	7/8	981.12	7/8	869.52	7/8	757.49	7/8	646.37	7/8	534.93	7/8	422.61
4	1,427.58	10	1,315.26	4	1,202.94	10	1,090.62	4	978.82	10	867.17	4	755.17	10	644.05	4	532.59	10	420.27
1/8	1,425.24	1/8	1,312.92	1/8	1,200.60	1/8	1,088.28	1/8	976.52	1/8	864.83	1/8	752.86	1/8	641.74	1/8	530.25	1/8	417.93
1/4	1,422.90	1/4	1,310.58	1/4	1,198.26	1/4	1,085.94	1/4	974.22	1/4	862.49	1/4	750.54	1/4	639.42	1/4	527.91	1/4	415.59
3/8	1,420.56	3/8	1,308.24	3/8	1,195.92	3/8	1,083.60	3/8	971.91	3/8	860.15	3/8	748.23	3/8	637.11	3/8	525.57	3/8	413.25
1/2	1,418.22	1/2	1,305.90	1/2	1,193.58	1/2	1,081.26	1/2	969.61	1/2	857.81	1/2	745.91	1/2	634.79	1/2	523.23	1/2	410.91
5/8	1,415.88	5/8	1,303.56	5/8	1,191.24	5/8	1,078.92	5/8	967.31	5/8	855.47	5/8	743.60	5/8	632.48	5/8	520.89	5/8	408.57
3/4	1,413.54	3/4	1,301.22	3/4	1,188.90	3/4	1,076.58	3/4	965.01	3/4	853.13	3/4	741.28	3/4	630.16	3/4	518.55	3/4	406.23
7/8	1,411.20	7/8	1,298.88	7/8	1,186.56	7/8	1,074.24	7/8	962.71	7/8	850.79	7/8	738.97	7/8	627.85	7/8	516.21	7/8	403.89
5	1,408.86	11	1,296.54	5	1,184.22	11	1,071.90	5	960.40	11	848.45	5	736.65	11	625.53	5	513.87	11	401.55
1/8	1,406.52	1/8	1,294.20	1/8	1,181.88	1/8	1,069.56	1/8	958.10	1/8	846.11	1/8	734.34	1/8	623.22	1/8	511.53	1/8	399.21
1/4	1,404.18	1/4	1,291.86	1/4	1,179.54	1/4	1,067.22	1/4	955.80	1/4	843.77	1/4	732.02	1/4	620.90	1/4	509.19	1/4	396.87
3/8	1,401.84	3/8	1,289.52	3/8	1,177.20	3/8	1,064.88	3/8	953.50	3/8	841.43	3/8	729.71	3/8	618.59	3/8	506.85	3/8	394.53
1/2	1,399.50	1/2	1,287.18	1/2	1,174.86	1/2	1,062.54	1/2	951.18	1/2	839.09	1/2	727.39	1/2	616.27	1/2	504.51	1/2	392.19
5/8	1,397.16	5/8	1,284.84	5/8	1,172.52	5/8	1,060.20	5/8	948.87	5/8	836.75	5/8	725.08	5/8	613.96	5/8	502.17	5/8	389.85
3/4	1,394.82	3/4	1,282.50	3/4	1,170.18	3/4	1,057.86	3/4	946.56	3/4	834.41	3/4	722.76	3/4	611.64	3/4	499.83	3/4	387.51
7/8	1,392.48	7/8	1,280.16	7/8	1,167.84	7/8	1,055.52	7/8	944.24	7/8	832.07	7/8	720.45	7/8	609.33	7/8	497.49	7/8	385.17

GAUGE LOCATED 29'-2" FORWARD OF AFT AND 12'-1" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endres

SAYBOLT LP

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

GREAT STRIDES

**3 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 7/16"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	382.83	6	270.51	0	159.84	6	53.35
1/8	380.49	1/8	268.17	1/8	157.57	1/8	51.37
1/4	378.15	1/4	265.83	1/4	155.31	1/4	49.38
3/8	375.81	3/8	263.49	3/8	153.05	3/8	47.39
1/2	373.47	1/2	261.15	1/2	150.78	1/2	45.75
5/8	371.13	5/8	258.81	5/8	148.52	5/8	44.11
3/4	368.79	3/4	256.47	3/4	146.26	3/4	42.47
7/8	366.45	7/8	254.13	7/8	144.00	7/8	40.82
1	364.11	7	251.79	1	141.73	7	39.18
1/8	361.77	1/8	249.45	1/8	139.47	1/8	37.54
1/4	359.43	1/4	247.11	1/4	137.21	1/4	35.90
3/8	357.09	3/8	244.77	3/8	134.95	3/8	34.26
1/2	354.75	1/2	242.43	1/2	132.69	1/2	32.90
5/8	352.41	5/8	240.09	5/8	130.43	5/8	31.53
3/4	350.07	3/4	237.75	3/4	128.17	3/4	30.17
7/8	347.73	7/8	235.41	7/8	125.91	7/8	28.81
2	345.39	8	233.07	2	123.65	8	27.44
1/8	343.05	1/8	230.73	1/8	121.39	1/8	26.08
1/4	340.71	1/4	228.39	1/4	119.13	1/4	24.72
3/8	338.37	3/8	226.05	3/8	116.87	3/8	23.35
1/2	336.03	1/2	223.73	1/2	114.62	7/16	22.68
5/8	333.69	5/8	221.41	5/8	112.36		
3/4	331.35	3/4	219.10	3/4	110.11		
7/8	329.01	7/8	216.78	7/8	107.86		
3	326.67	9	214.47	3	105.60		
1/8	324.33	1/8	212.15	1/8	103.35		
1/4	321.99	1/4	209.83	1/4	101.09		
3/8	319.65	3/8	207.52	3/8	98.84		
1/2	317.31	1/2	205.24	1/2	96.59		
5/8	314.97	5/8	202.96	5/8	94.35		
3/4	312.63	3/4	200.68	3/4	92.10		
7/8	310.29	7/8	198.40	7/8	89.85		
4	307.95	10	196.12	4	87.61		
1/8	305.61	1/8	193.84	1/8	85.36		
1/4	303.27	1/4	191.56	1/4	83.11		
3/8	300.93	3/8	189.28	3/8	80.87		
1/2	298.59	1/2	187.01	1/2	78.67		
5/8	296.25	5/8	184.75	5/8	76.47		
3/4	293.91	3/4	182.48	3/4	74.28		
7/8	291.57	7/8	180.22	7/8	72.08		
5	289.23	11	177.95	5	69.88		
1/8	286.89	1/8	175.69	1/8	67.69		
1/4	284.55	1/4	173.42	1/4	65.49		
3/8	282.21	3/8	171.16	3/8	63.29		
1/2	279.87	1/2	168.89	1/2	61.30		
5/8	277.53	5/8	166.63	5/8	59.32		
3/4	275.19	3/4	164.37	3/4	57.33		
7/8	272.85	7/8	162.10	7/8	55.34		

GAUGE LOCATED 29'-2" FORWARD OF AFT AND 12'-1" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

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SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

3 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 1/8"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0	2,864.99	6	2,753.15
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,862.66	1/8	2,750.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,860.33	1/4	2,748.49
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,858.00	3/8	2,746.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,855.67	1/2	2,743.83
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,853.34	5/8	2,741.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,851.01	3/4	2,739.17
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,949.06	7/8	2,848.68
1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	2,947.83	1	2,846.35
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,946.59	1/8	2,844.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,944.98	1/4	2,841.69
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,943.37	3/8	2,839.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,941.77	1/2	2,837.03
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,940.16	5/8	2,834.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,938.55	3/4	2,832.37
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,936.94	7/8	2,830.04
2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	2,935.33	2	2,827.71
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,933.72	1/8	2,825.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,931.74	1/4	2,823.05
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,929.77	3/8	2,820.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,927.79	1/2	2,818.39
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,925.81	5/8	2,816.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,923.83	3/4	2,813.73
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,921.85	7/8	2,811.40
3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	2,919.88	3	2,809.07
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,917.90	1/8	2,806.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,915.65	1/4	2,804.41
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,913.41	3/8	2,802.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,911.16	1/2	2,799.75
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,908.92	5/8	2,797.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,906.68	3/4	2,795.09
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,904.43	7/8	2,792.76
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	2,902.19	4	2,790.43
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,899.94	1/8	2,788.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,897.61	1/4	2,785.77
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,895.28	3/8	2,783.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,892.95	1/2	2,781.11
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,890.62	5/8	2,778.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,888.29	3/4	2,776.45
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,885.96	7/8	2,774.12
5	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	2,883.63	5	2,771.79
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	2,881.30	1/8	2,769.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,878.97	1/4	2,767.13
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	2,876.64	3/8	2,764.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,874.31	1/2	2,762.47
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	2,871.98	5/8	2,760.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,869.65	3/4	2,757.81
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	2,867.32	7/8	2,755.48

GAUGE LOCATED 29'-3" FORWARD OF AFT AND 10'-4" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12
STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

3 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 1/8"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2,641.23	6	2,528.44	0	2,415.62	6	2,302.80	0	2,189.98	6	2,077.16	0	1,964.34	6	1,851.53	0	1,738.71	6	1,625.89
1/8	2,638.89	1/8	2,526.09	1/8	2,413.27	1/8	2,300.45	1/8	2,187.63	1/8	2,074.81	1/8	1,961.99	1/8	1,849.17	1/8	1,736.36	1/8	1,623.54
1/4	2,636.54	1/4	2,523.74	1/4	2,410.92	1/4	2,298.10	1/4	2,185.28	1/4	2,072.46	1/4	1,959.64	1/4	1,846.82	1/4	1,734.01	1/4	1,621.19
3/8	2,634.19	3/8	2,521.39	3/8	2,408.57	3/8	2,295.75	3/8	2,182.93	3/8	2,070.11	3/8	1,957.29	3/8	1,844.47	3/8	1,731.65	3/8	1,618.84
1/2	2,631.85	1/2	2,519.04	1/2	2,406.22	1/2	2,293.40	1/2	2,180.58	1/2	2,067.76	1/2	1,954.94	1/2	1,842.12	1/2	1,729.30	1/2	1,616.49
5/8	2,629.50	5/8	2,516.69	5/8	2,403.87	5/8	2,291.05	5/8	2,178.23	5/8	2,065.41	5/8	1,952.59	5/8	1,839.77	5/8	1,726.95	5/8	1,614.13
3/4	2,627.15	3/4	2,514.34	3/4	2,401.52	3/4	2,288.70	3/4	2,175.88	3/4	2,063.06	3/4	1,950.24	3/4	1,837.42	3/4	1,724.60	3/4	1,611.78
7/8	2,624.80	7/8	2,511.99	7/8	2,399.17	7/8	2,286.35	7/8	2,173.53	7/8	2,060.71	7/8	1,947.89	7/8	1,835.07	7/8	1,722.25	7/8	1,609.43
1	2,622.45	7	2,509.64	1	2,396.82	7	2,284.00	1	2,171.18	7	2,058.36	1	1,945.54	7	1,832.72	1	1,719.90	7	1,607.08
1/8	2,620.11	1/8	2,507.29	1/8	2,394.47	1/8	2,281.65	1/8	2,168.83	1/8	2,056.01	1/8	1,943.19	1/8	1,830.37	1/8	1,717.55	1/8	1,604.73
1/4	2,617.76	1/4	2,504.94	1/4	2,392.12	1/4	2,279.30	1/4	2,166.48	1/4	2,053.66	1/4	1,940.84	1/4	1,828.02	1/4	1,715.20	1/4	1,602.38
3/8	2,615.41	3/8	2,502.59	3/8	2,389.77	3/8	2,276.95	3/8	2,164.13	3/8	2,051.31	3/8	1,938.49	3/8	1,825.67	3/8	1,712.85	3/8	1,600.03
1/2	2,613.05	1/2	2,500.24	1/2	2,387.42	1/2	2,274.60	1/2	2,161.78	1/2	2,048.96	1/2	1,936.14	1/2	1,823.32	1/2	1,710.50	1/2	1,597.68
5/8	2,610.70	5/8	2,497.89	5/8	2,385.07	5/8	2,272.25	5/8	2,159.43	5/8	2,046.61	5/8	1,933.79	5/8	1,820.97	5/8	1,708.15	5/8	1,595.33
3/4	2,608.35	3/4	2,495.53	3/4	2,382.72	3/4	2,269.90	3/4	2,157.08	3/4	2,044.26	3/4	1,931.44	3/4	1,818.62	3/4	1,705.80	3/4	1,592.98
7/8	2,606.00	7/8	2,493.18	7/8	2,380.37	7/8	2,267.55	7/8	2,154.73	7/8	2,041.91	7/8	1,929.09	7/8	1,816.27	7/8	1,703.45	7/8	1,590.63
2	2,603.65	8	2,490.83	2	2,378.01	8	2,265.20	2	2,152.38	8	2,039.56	2	1,926.74	8	1,813.92	2	1,701.10	8	1,588.28
1/8	2,601.30	1/8	2,488.48	1/8	2,375.66	1/8	2,262.85	1/8	2,150.03	1/8	2,037.21	1/8	1,924.39	1/8	1,811.57	1/8	1,698.75	1/8	1,585.93
1/4	2,598.95	1/4	2,486.13	1/4	2,373.31	1/4	2,260.49	1/4	2,147.68	1/4	2,034.86	1/4	1,922.04	1/4	1,809.22	1/4	1,696.40	1/4	1,583.58
3/8	2,596.60	3/8	2,483.78	3/8	2,370.96	3/8	2,258.14	3/8	2,145.33	3/8	2,032.51	3/8	1,919.69	3/8	1,806.87	3/8	1,694.05	3/8	1,581.23
1/2	2,594.25	1/2	2,481.43	1/2	2,368.61	1/2	2,255.79	1/2	2,142.97	1/2	2,030.16	1/2	1,917.34	1/2	1,804.52	1/2	1,691.70	1/2	1,578.88
5/8	2,591.90	5/8	2,479.08	5/8	2,366.26	5/8	2,253.44	5/8	2,140.62	5/8	2,027.81	5/8	1,914.99	5/8	1,802.17	5/8	1,689.35	5/8	1,576.53
3/4	2,589.55	3/4	2,476.73	3/4	2,363.91	3/4	2,251.09	3/4	2,138.27	3/4	2,025.45	3/4	1,912.64	3/4	1,799.82	3/4	1,687.00	3/4	1,574.18
7/8	2,587.20	7/8	2,474.38	7/8	2,361.56	7/8	2,248.74	7/8	2,135.92	7/8	2,023.10	7/8	1,910.29	7/8	1,797.47	7/8	1,684.65	7/8	1,571.83
3	2,584.85	9	2,472.03	3	2,359.21	9	2,246.39	3	2,133.57	9	2,020.75	3	1,907.93	9	1,795.12	3	1,682.30	9	1,569.48
1/8	2,582.50	1/8	2,469.68	1/8	2,356.86	1/8	2,244.04	1/8	2,131.22	1/8	2,018.40	1/8	1,905.58	1/8	1,792.77	1/8	1,698.95	1/8	1,567.13
1/4	2,580.15	1/4	2,467.33	1/4	2,354.51	1/4	2,241.69	1/4	2,128.87	1/4	2,016.05	1/4	1,903.23	1/4	1,790.41	1/4	1,677.60	1/4	1,564.78
3/8	2,577.80	3/8	2,464.98	3/8	2,352.16	3/8	2,239.34	3/8	2,126.52	3/8	2,013.70	3/8	1,900.88	3/8	1,788.06	3/8	1,675.25	3/8	1,562.43
1/2	2,575.45	1/2	2,462.63	1/2	2,349.81	1/2	2,236.99	1/2	2,124.17	1/2	2,011.35	1/2	1,898.53	1/2	1,785.71	1/2	1,672.89	1/2	1,560.08
5/8	2,573.10	5/8	2,460.28	5/8	2,347.46	5/8	2,234.64	5/8	2,121.82	5/8	2,009.00	5/8	1,896.18	5/8	1,783.36	5/8	1,670.54	5/8	1,557.73
3/4	2,570.75	3/4	2,457.93	3/4	2,345.11	3/4	2,232.29	3/4	2,119.47	3/4	2,006.65	3/4	1,893.83	3/4	1,781.01	3/4	1,668.19	3/4	1,555.37
7/8	2,568.40	7/8	2,455.58	7/8	2,342.76	7/8	2,229.94	7/8	2,117.12	7/8	2,004.30	7/8	1,891.48	7/8	1,778.66	7/8	1,665.84	7/8	1,553.02
4	2,566.05	10	2,453.23	4	2,340.41	10	2,227.59	4	2,114.77	10	2,001.95	4	1,889.13	10	1,776.31	4	1,663.49	10	1,550.67
1/8	2,563.70	1/8	2,450.88	1/8	2,338.06	1/8	2,225.24	1/8	2,112.42	1/8	1,999.60	1/8	1,886.78	1/8	1,773.96	1/8	1,661.14	1/8	1,548.32
1/4	2,561.35	1/4	2,448.53	1/4	2,335.71	1/4	2,222.89	1/4	2,110.07	1/4	1,997.25	1/4	1,884.43	1/4	1,771.61	1/4	1,658.79	1/4	1,545.97
3/8	2,559.00	3/8	2,446.18	3/8	2,333.36	3/8	2,220.54	3/8	2,107.72	3/8	1,994.90	3/8	1,882.08	3/8	1,769.26	3/8	1,656.44	3/8	1,543.62
1/2	2,556.65	1/2	2,443.83	1/2	2,331.01	1/2	2,218.19	1/2	2,105.37	1/2	1,992.55	1/2	1,879.73	1/2	1,766.91	1/2	1,654.09	1/2	1,541.27
5/8	2,554.29	5/8	2,441.48	5/8	2,328.66	5/8	2,215.84	5/8	2,103.02	5/8	1,990.20	5/8	1,877.38	5/8	1,764.56	5/8	1,651.74	5/8	1,538.92
3/4	2,551.94	3/4	2,439.13	3/4	2,326.31	3/4	2,213.49	3/4	2,100.67	3/4	1,987.85	3/4	1,875.03	3/4	1,762.21	3/4	1,649.39	3/4	1,536.57
7/8	2,549.59	7/8	2,436.77	7/8	2,323.96	7/8	2,211.14	7/8	2,098.32	7/8	1,985.50	7/8	1,872.68	7/8	1,759.86	7/8	1,647.04	7/8	1,534.22
5	2,547.24	11	2,434.42	5	2,321.61	11	2,208.79	5	2,095.97	11	1,983.15	5	1,870.33	11	1,757.51	5	1,644.69	11	1,531.87
1/8	2,544.89	1/8	2,432.07	1/8	2,319.25	1/8	2,206.44	1/8	2,093.62	1/8	1,980.80	1/8	1,867.98	1/8	1,755.16	1/8	1,642.34	1/8	1,529.52
1/4	2,542.54	1/4	2,429.72	1/4	2,316.90	1/4	2,204.09	1/4	2,091.27	1/4	1,978.45	1/4	1,865.63	1/4	1,752.81	1/4	1,639.99	1/4	1,527.17
3/8	2,540.19	3/8	2,427.37	3/8	2,314.55	3/8	2,201.73	3/8	2,088.92	3/8	1,976.10	3/8	1,863.28	3/8	1,750.46	3/8	1,637.64	3/8	1,524.82
1/2	2,537.84	1/2	2,425.02	1/2	2,312.20	1/2	2,199.38	1/2	2,086.57	1/2	1,973.75	1/2	1,860.93	1/2	1,748.11	1/2	1,635.29	1/2	1,522.47
5/8	2,535.49	5/8	2,422.67	5/8	2,309.85	5/8	2,197.03	5/8	2,084.21	5/8	1,971.40	5/8	1,858.58	5/8	1,745.76	5/8	1,632.94	5/8	1,520.12
3/4	2,533.14	3/4	2,420.32	3/4	2,307.50	3/4	2,194.68	3/4	2,081.86	3/4	1,969.05	3/4	1,856.23	3/4	1,743.41	3/4	1,630.59	3/4	1,517.77
7/8	2,530.79	7/8	2,417.97	7/8	2,305.15	7/8	2,192.33	7/8	2,079.51	7/8	1,966.69	7/8	1,853.88	7/8	1,741.06	7/8	1,628.24	7/8	1,515.42

GAUGE LOCATED 29'-3" FORWARD OF AFT AND 10'-4" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

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SAYBOLT LP

O. Endress

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GREAT STRIDES

3 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 1/8"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	1,513.07	6	1,400.25	0	1,287.43	6	1,174.61	0	1,061.79	6	950.01	0	837.34	6	725.52	0	614.34	6	502.13
1/8	1,510.72	1/8	1,397.90	1/8	1,285.08	1/8	1,172.26	1/8	1,059.44	1/8	947.70	1/8	834.99	1/8	723.20	1/8	612.02	1/8	499.78
1/4	1,508.37	1/4	1,395.55	1/4	1,282.73	1/4	1,169.91	1/4	1,057.09	1/4	945.36	1/4	832.64	1/4	720.89	1/4	609.70	1/4	497.43
3/8	1,506.02	3/8	1,393.20	3/8	1,280.38	3/8	1,167.56	3/8	1,054.74	3/8	943.03	3/8	830.29	3/8	718.57	3/8	607.39	3/8	495.08
1/2	1,503.67	1/2	1,390.85	1/2	1,278.03	1/2	1,165.21	1/2	1,052.39	1/2	940.70	1/2	827.94	1/2	716.25	1/2	605.07	1/2	492.73
5/8	1,501.32	5/8	1,388.50	5/8	1,275.68	5/8	1,162.86	5/8	1,050.04	5/8	938.36	5/8	825.59	5/8	713.94	5/8	602.75	5/8	490.38
3/4	1,498.97	3/4	1,386.15	3/4	1,273.33	3/4	1,160.51	3/4	1,047.69	3/4	936.03	3/4	823.23	3/4	711.62	3/4	600.44	3/4	488.03
7/8	1,496.61	7/8	1,383.80	7/8	1,270.98	7/8	1,158.16	7/8	1,045.34	7/8	933.69	7/8	820.88	7/8	709.30	7/8	598.12	7/8	485.68
1	1,494.26	7	1,381.45	1	1,268.63	7	1,155.81	1	1,042.99	7	931.36	1	818.53	7	706.99	1	595.80	7	483.33
1/8	1,491.91	1/8	1,379.09	1/8	1,266.28	1/8	1,153.46	1/8	1,040.64	1/8	929.03	1/8	816.18	1/8	704.67	1/8	593.49	1/8	480.98
1/4	1,489.56	1/4	1,376.74	1/4	1,263.93	1/4	1,151.11	1/4	1,038.29	1/4	926.68	1/4	813.84	1/4	702.36	1/4	591.16	1/4	478.63
3/8	1,487.21	3/8	1,374.39	3/8	1,261.57	3/8	1,148.76	3/8	1,035.94	3/8	924.33	3/8	811.49	3/8	700.04	3/8	588.84	3/8	476.28
1/2	1,484.86	1/2	1,372.04	1/2	1,259.22	1/2	1,146.41	1/2	1,033.59	1/2	921.97	1/2	809.15	1/2	697.72	1/2	586.52	1/2	473.93
5/8	1,482.51	5/8	1,369.69	5/8	1,256.87	5/8	1,144.05	5/8	1,031.24	5/8	919.62	5/8	806.80	5/8	695.41	5/8	584.20	5/8	471.58
3/4	1,480.16	3/4	1,367.34	3/4	1,254.52	3/4	1,141.70	3/4	1,028.89	3/4	917.27	3/4	804.46	3/4	693.09	3/4	581.87	3/4	469.23
7/8	1,477.81	7/8	1,364.99	7/8	1,252.17	7/8	1,139.35	7/8	1,026.55	7/8	914.92	7/8	802.11	7/8	690.77	7/8	579.55	7/8	466.88
2	1,475.46	8	1,362.64	2	1,249.82	8	1,137.00	2	1,024.20	8	912.57	2	799.77	8	688.46	2	577.23	8	464.53
1/8	1,473.11	1/8	1,360.29	1/8	1,247.47	1/8	1,134.65	1/8	1,021.85	1/8	910.22	1/8	797.42	1/8	686.14	1/8	574.91	1/8	462.18
1/4	1,470.76	1/4	1,357.94	1/4	1,245.12	1/4	1,132.30	1/4	1,019.52	1/4	907.87	1/4	795.10	1/4	683.82	1/4	572.57	1/4	459.83
3/8	1,468.41	3/8	1,355.59	3/8	1,242.77	3/8	1,129.95	3/8	1,017.19	3/8	905.52	3/8	792.77	3/8	681.51	3/8	570.23	3/8	457.48
1/2	1,466.06	1/2	1,353.24	1/2	1,240.42	1/2	1,127.60	1/2	1,014.86	1/2	903.17	1/2	790.44	1/2	679.19	1/2	567.89	1/2	455.13
5/8	1,463.71	5/8	1,350.89	5/8	1,238.07	5/8	1,125.25	5/8	1,012.53	5/8	900.82	5/8	788.11	5/8	676.88	5/8	565.55	5/8	452.78
3/4	1,461.36	3/4	1,348.54	3/4	1,235.72	3/4	1,122.90	3/4	1,010.20	3/4	898.46	3/4	785.78	3/4	674.56	3/4	563.21	3/4	450.43
7/8	1,459.01	7/8	1,346.19	7/8	1,233.37	7/8	1,120.55	7/8	1,007.87	7/8	896.11	7/8	783.45	7/8	672.24	7/8	560.87	7/8	448.08
3	1,456.66	9	1,343.84	3	1,231.02	9	1,118.20	3	1,005.54	9	893.76	3	781.12	9	669.93	3	558.53	9	445.73
1/8	1,454.31	1/8	1,341.49	1/8	1,228.67	1/8	1,115.85	1/8	1,003.21	1/8	891.41	1/8	778.80	1/8	667.61	1/8	556.19	1/8	443.37
1/4	1,451.96	1/4	1,339.14	1/4	1,226.32	1/4	1,113.50	1/4	1,000.90	1/4	889.06	1/4	776.48	1/4	665.29	1/4	553.84	1/4	441.02
3/8	1,449.61	3/8	1,336.79	3/8	1,223.97	3/8	1,111.15	3/8	998.58	3/8	886.71	3/8	774.16	3/8	662.98	3/8	551.49	3/8	438.67
1/2	1,447.26	1/2	1,334.44	1/2	1,221.62	1/2	1,108.80	1/2	996.27	1/2	884.36	1/2	771.85	1/2	660.66	1/2	549.14	1/2	436.32
5/8	1,444.91	5/8	1,332.09	5/8	1,219.27	5/8	1,106.45	5/8	993.96	5/8	882.01	5/8	769.53	5/8	658.35	5/8	546.79	5/8	433.97
3/4	1,442.56	3/4	1,329.74	3/4	1,216.92	3/4	1,104.10	3/4	991.65	3/4	879.66	3/4	767.21	3/4	656.03	3/4	544.44	3/4	431.62
7/8	1,440.21	7/8	1,327.39	7/8	1,214.57	7/8	1,101.75	7/8	989.33	7/8	877.31	7/8	764.90	7/8	653.71	7/8	542.09	7/8	429.27
4	1,437.85	10	1,325.04	4	1,212.22	10	1,099.40	4	987.02	10	874.95	4	762.58	10	651.40	4	539.74	10	426.92
1/8	1,435.50	1/8	1,322.69	1/8	1,209.87	1/8	1,097.05	1/8	984.71	1/8	872.60	1/8	760.26	1/8	649.08	1/8	537.39	1/8	424.57
1/4	1,433.15	1/4	1,320.33	1/4	1,207.52	1/4	1,094.70	1/4	982.40	1/4	870.25	1/4	757.95	1/4	646.76	1/4	535.04	1/4	422.22
3/8	1,430.80	3/8	1,317.98	3/8	1,205.17	3/8	1,092.35	3/8	980.08	3/8	867.90	3/8	755.63	3/8	644.45	3/8	532.69	3/8	419.87
1/2	1,428.45	1/2	1,315.63	1/2	1,202.81	1/2	1,090.00	1/2	977.77	1/2	865.55	1/2	753.31	1/2	642.13	1/2	530.34	1/2	417.52
5/8	1,426.10	5/8	1,313.28	5/8	1,200.46	5/8	1,087.65	5/8	975.46	5/8	863.20	5/8	751.00	5/8	639.82	5/8	527.99	5/8	415.17
3/4	1,423.75	3/4	1,310.93	3/4	1,198.11	3/4	1,085.29	3/4	973.15	3/4	860.85	3/4	748.68	3/4	637.50	3/4	525.64	3/4	412.82
7/8	1,421.40	7/8	1,308.58	7/8	1,195.76	7/8	1,082.94	7/8	970.83	7/8	858.50	7/8	746.37	7/8	635.18	7/8	523.29	7/8	410.47
5	1,419.05	11	1,306.23	5	1,193.41	11	1,080.59	5	968.52	11	856.15	5	744.05	11	632.87	5	520.94	11	408.12
1/8	1,416.70	1/8	1,303.88	1/8	1,191.06	1/8	1,078.24	1/8	966.21	1/8	853.80	1/8	741.73	1/8	630.55	1/8	518.59	1/8	405.77
1/4	1,414.35	1/4	1,301.53	1/4	1,188.71	1/4	1,075.89	1/4	963.90	1/4	851.44	1/4	739.42	1/4	628.23	1/4	516.24	1/4	403.42
3/8	1,412.00	3/8	1,299.18	3/8	1,186.36	3/8	1,073.54	3/8	961.58	3/8	849.09	3/8	737.10	3/8	625.92	3/8	513.89	3/8	401.07
1/2	1,409.65	1/2	1,296.83	1/2	1,184.01	1/2	1,071.19	1/2	959.27	1/2	846.74	1/2	734.78	1/2	623.60	1/2	511.54	1/2	398.72
5/8	1,407.30	5/8	1,294.48	5/8	1,181.66	5/8	1,068.84	5/8	956.95	5/8	844.39	5/8	732.47	5/8	621.28	5/8	509.19	5/8	396.37
3/4	1,404.95	3/4	1,292.13	3/4	1,179.31	3/4	1,066.49	3/4	954.64	3/4	842.04	3/4	730.15	3/4	618.97	3/4	506.84	3/4	394.02
7/8	1,402.60	7/8	1,289.78	7/8	1,176.96	7/8	1,064.14	7/8	952.32	7/8	839.69	7/8	727.83	7/8	616.65	7/8	504.49	7/8	391.67

GAUGE LOCATED 29'-3" FORWARD OF AFT AND 10'-4" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

3 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 1/8"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	389.32	6	276.50	0	165.17	6	57.27
1/8	386.97	1/8	274.15	1/8	162.90	1/8	55.11
1/4	384.61	1/4	271.80	1/4	160.62	1/4	53.27
3/8	382.26	3/8	269.45	3/8	158.35	3/8	51.42
1/2	379.91	1/2	267.09	1/2	156.08	1/2	49.57
5/8	377.56	5/8	264.74	5/8	153.80	5/8	47.73
3/4	375.21	3/4	262.39	3/4	151.53	3/4	45.88
7/8	372.86	7/8	260.04	7/8	149.25	7/8	44.03
1	370.51	7	257.69	1	146.98	7	42.19
1/8	368.16	1/8	255.34	1/8	144.71	1/8	40.34
1/4	365.81	1/4	252.99	1/4	142.44	1/4	38.87
3/8	363.46	3/8	250.64	3/8	140.16	3/8	37.39
1/2	361.11	1/2	248.29	1/2	137.89	1/2	35.92
5/8	358.76	5/8	245.94	5/8	135.62	5/8	34.45
3/4	356.41	3/4	243.59	3/4	133.35	3/4	32.97
7/8	354.06	7/8	241.24	7/8	131.08	7/8	31.50
2	351.71	8	238.89	2	128.81	8	30.03
1/8	349.36	1/8	236.54	1/8	126.53	1/8	28.55
1/4	347.01	1/4	234.19	1/4	124.27	1/4	27.29
3/8	344.66	3/8	231.85	3/8	122.00	3/8	26.04
1/2	342.31	1/2	229.50	1/2	119.73	1/2	24.78
5/8	339.96	5/8	227.15	5/8	117.46	5/8	23.52
3/4	337.61	3/4	224.80	3/4	115.20	3/4	22.26
7/8	335.26	7/8	222.46	7/8	112.93	7/8	21.00
3	332.91	9	220.11	3	110.66	9	19.74
1/8	330.56	1/8	217.76	1/8	108.39	1/8	18.48
1/4	328.21	1/4	215.45	1/4	106.13		
3/8	325.85	3/8	213.15	3/8	103.87		
1/2	323.50	1/2	210.84	1/2	101.61		
5/8	321.15	5/8	208.53	5/8	99.35		
3/4	318.80	3/4	206.22	3/4	97.08		
7/8	316.45	7/8	203.91	7/8	94.82		
4	314.10	10	201.60	4	92.56		
1/8	311.75	1/8	199.29	1/8	90.30		
1/4	309.40	1/4	197.02	1/4	88.05		
3/8	307.05	3/8	194.74	3/8	85.81		
1/2	304.70	1/2	192.47	1/2	83.56		
5/8	302.35	5/8	190.19	5/8	81.32		
3/4	300.00	3/4	187.92	3/4	79.07		
7/8	297.65	7/8	185.64	7/8	76.82		
5	295.30	11	183.37	5	74.58		
1/8	292.95	1/8	181.09	1/8	72.33		
1/4	290.60	1/4	178.82	1/4	70.18		
3/8	288.25	3/8	176.54	3/8	68.03		
1/2	285.90	1/2	174.27	1/2	65.88		
5/8	283.55	5/8	172.00	5/8	63.72		
3/4	281.20	3/4	169.72	3/4	61.57		
7/8	278.85	7/8	167.45	7/8	59.42		

GAUGE LOCATED 29'-3" FORWARD OF AFT AND 10'-4" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

**4 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 5/8"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0	4,602.72	6	4,423.38
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,598.98	1/8	4,419.64
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,595.25	1/4	4,415.91
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,591.51	3/8	4,412.17
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,587.77	1/2	4,408.44
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,584.04	5/8	4,404.70
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,580.30	3/4	4,400.96
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,576.56	7/8	4,397.23
1		7		1		7		1		7		1		7		1	4,572.83	7	4,393.49
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,734.60	1/8	4,569.09	1/8	4,389.75
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,732.22	1/4	4,565.36	1/4	4,386.02
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,729.84	3/8	4,561.62	3/8	4,382.28
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,727.46	1/2	4,557.88	1/2	4,378.55
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,725.08	5/8	4,554.15	5/8	4,374.81
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,722.09	3/4	4,550.41	3/4	4,371.07
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,719.11	7/8	4,546.67	7/8	4,367.34
2		8		2		8		2		8		2		8		2	4,542.94	8	4,363.60
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,713.13	1/8	4,539.20	1/8	4,359.86
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,710.14	1/4	4,535.47	1/4	4,356.13
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,707.16	3/8	4,531.73	3/8	4,352.39
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,704.17	1/2	4,527.99	1/2	4,348.66
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,701.18	5/8	4,524.26	5/8	4,344.92
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,697.71	3/4	4,520.52	3/4	4,341.18
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,694.23	7/8	4,516.79	7/8	4,337.45
3		9		3		9		3		9		3		9		3	4,690.76	9	4,333.71
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,687.28	1/8	4,509.31	1/8	4,329.98
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,683.81	1/4	4,505.58	1/4	4,326.24
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,680.34	3/8	4,501.84	3/8	4,322.50
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,676.86	1/2	4,498.10	1/2	4,318.77
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,673.39	5/8	4,494.37	5/8	4,315.03
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,669.69	3/4	4,490.63	3/4	4,311.29
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,665.99	7/8	4,486.90	7/8	4,307.56
4		10		4		10		4		10		4		10		4	4,662.30	10	4,303.82
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,658.60	1/8	4,479.42	1/8	4,300.09
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,654.91	1/4	4,475.69	1/4	4,296.35
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,651.21	3/8	4,471.95	3/8	4,292.61
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,647.51	1/2	4,468.21	1/2	4,288.88
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,643.82	5/8	4,464.48	5/8	4,285.14
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,640.08	3/4	4,460.74	3/4	4,281.39
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,636.34	7/8	4,457.01	7/8	4,277.65
5		11		5		11		5		11		5		11		5	4,632.61	11	4,273.90
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,628.87	1/8	4,449.53	1/8	4,270.15
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,625.13	1/4	4,445.80	1/4	4,266.40
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,621.40	3/8	4,442.06	3/8	4,262.66
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,617.66	1/2	4,438.32	1/2	4,258.91
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,613.93	5/8	4,434.59	5/8	4,255.16
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,610.19	3/4	4,430.85	3/4	4,251.40
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,606.45	7/8	4,427.12	7/8	4,247.64

GAUGE LOCATED 46'-3" FORWARD OF AFT AND 11'-9" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

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GREAT STRIDES

**4 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 5/8"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	4,243.88	6	4,063.20	0	3,882.49	6	3,701.79	0	3,521.08	6	3,340.38	0	3,159.67	6	2,978.97	0	2,798.26	6	2,617.56
1/8	4,240.12	1/8	4,059.44	1/8	3,878.73	1/8	3,698.02	1/8	3,517.32	1/8	3,336.61	1/8	3,155.91	1/8	2,975.20	1/8	2,794.50	1/8	2,613.79
1/4	4,236.36	1/4	4,055.67	1/4	3,874.97	1/4	3,694.26	1/4	3,513.55	1/4	3,332.85	1/4	3,152.14	1/4	2,971.44	1/4	2,790.73	1/4	2,610.03
3/8	4,232.60	3/8	4,051.91	3/8	3,871.20	3/8	3,690.49	3/8	3,509.79	3/8	3,329.08	3/8	3,148.38	3/8	2,967.67	3/8	2,786.97	3/8	2,606.26
1/2	4,228.83	1/2	4,048.14	1/2	3,867.44	1/2	3,686.73	1/2	3,506.02	1/2	3,325.32	1/2	3,144.61	1/2	2,963.91	1/2	2,783.20	1/2	2,602.50
5/8	4,225.07	5/8	4,044.38	5/8	3,863.67	5/8	3,682.97	5/8	3,502.26	5/8	3,321.55	5/8	3,140.85	5/8	2,960.14	5/8	2,779.44	5/8	2,598.73
3/4	4,221.31	3/4	4,040.61	3/4	3,859.91	3/4	3,679.20	3/4	3,498.50	3/4	3,317.79	3/4	3,137.08	3/4	2,956.38	3/4	2,775.67	3/4	2,594.97
7/8	4,217.55	7/8	4,036.85	7/8	3,856.14	7/8	3,675.44	7/8	3,494.73	7/8	3,314.02	7/8	3,133.32	7/8	2,952.61	7/8	2,771.91	7/8	2,591.20
1	4,213.78	7	4,033.08	1	3,852.38	7	3,671.67	1	3,490.97	7	3,310.26	1	3,129.55	7	2,948.85	1	2,768.14	7	2,587.44
1/8	4,210.02	1/8	4,029.32	1/8	3,848.61	1/8	3,667.91	1/8	3,487.20	1/8	3,306.50	1/8	3,125.79	1/8	2,945.08	1/8	2,764.38	1/8	2,583.67
1/4	4,206.26	1/4	4,025.55	1/4	3,844.85	1/4	3,664.14	1/4	3,483.44	1/4	3,302.73	1/4	3,122.03	1/4	2,941.32	1/4	2,760.61	1/4	2,579.91
3/8	4,202.49	3/8	4,021.79	3/8	3,841.08	3/8	3,660.38	3/8	3,479.67	3/8	3,298.97	3/8	3,118.26	3/8	2,937.55	3/8	2,756.85	3/8	2,576.14
1/2	4,198.73	1/2	4,018.02	1/2	3,837.32	1/2	3,656.61	1/2	3,475.91	1/2	3,295.20	1/2	3,114.50	1/2	2,933.79	1/2	2,753.08	1/2	2,572.38
5/8	4,194.96	5/8	4,014.26	5/8	3,833.55	5/8	3,652.85	5/8	3,472.14	5/8	3,291.44	5/8	3,110.73	5/8	2,930.03	5/8	2,749.32	5/8	2,568.61
3/4	4,191.20	3/4	4,010.49	3/4	3,829.79	3/4	3,649.08	3/4	3,468.38	3/4	3,287.67	3/4	3,106.97	3/4	2,926.26	3/4	2,745.56	3/4	2,564.85
7/8	4,187.44	7/8	4,006.73	7/8	3,826.02	7/8	3,645.32	7/8	3,464.61	7/8	3,283.91	7/8	3,103.20	7/8	2,922.50	7/8	2,741.79	7/8	2,561.08
2	4,183.67	8	4,002.96	2	3,822.26	8	3,641.55	2	3,460.85	8	3,280.14	2	3,099.44	8	2,918.73	2	2,738.03	8	2,557.32
1/8	4,179.91	1/8	3,999.20	1/8	3,818.49	1/8	3,637.79	1/8	3,457.08	1/8	3,276.38	1/8	3,095.67	1/8	2,914.97	1/8	2,734.26	1/8	2,553.56
1/4	4,176.14	1/4	3,995.44	1/4	3,814.73	1/4	3,634.02	1/4	3,453.32	1/4	3,272.61	1/4	3,091.91	1/4	2,911.20	1/4	2,730.50	1/4	2,549.79
3/8	4,172.38	3/8	3,991.67	3/8	3,810.97	3/8	3,630.26	3/8	3,449.55	3/8	3,268.85	3/8	3,088.14	3/8	2,907.44	3/8	2,726.73	3/8	2,546.03
1/2	4,168.61	1/2	3,987.91	1/2	3,807.20	1/2	3,626.49	1/2	3,445.79	1/2	3,265.08	1/2	3,084.38	1/2	2,903.67	1/2	2,722.97	1/2	2,542.26
5/8	4,164.85	5/8	3,984.14	5/8	3,803.44	5/8	3,622.73	5/8	3,442.02	5/8	3,261.32	5/8	3,080.61	5/8	2,899.91	5/8	2,719.20	5/8	2,538.50
3/4	4,161.08	3/4	3,980.38	3/4	3,799.67	3/4	3,618.97	3/4	3,438.26	3/4	3,257.55	3/4	3,076.85	3/4	2,896.14	3/4	2,715.44	3/4	2,534.73
7/8	4,157.32	7/8	3,976.61	7/8	3,795.91	7/8	3,615.20	7/8	3,434.50	7/8	3,253.79	7/8	3,073.08	7/8	2,892.38	7/8	2,711.67	7/8	2,530.97
3	4,153.55	9	3,972.85	3	3,792.14	9	3,611.44	3	3,430.73	9	3,250.02	3	3,069.32	9	2,888.61	3	2,707.91	9	2,527.20
1/8	4,149.79	1/8	3,969.08	1/8	3,788.38	1/8	3,607.67	1/8	3,426.97	1/8	3,246.26	1/8	3,065.55	1/8	2,884.85	1/8	2,704.14	1/8	2,523.44
1/4	4,146.02	1/4	3,965.32	1/4	3,784.61	1/4	3,603.91	1/4	3,423.20	1/4	3,242.50	1/4	3,061.79	1/4	2,881.08	1/4	2,700.38	1/4	2,519.67
3/8	4,142.26	3/8	3,961.55	3/8	3,780.85	3/8	3,600.14	3/8	3,419.44	3/8	3,238.73	3/8	3,058.03	3/8	2,877.32	3/8	2,696.61	3/8	2,515.91
1/2	4,138.49	1/2	3,957.79	1/2	3,777.08	1/2	3,596.38	1/2	3,415.67	1/2	3,234.97	1/2	3,054.26	1/2	2,873.55	1/2	2,692.85	1/2	2,512.14
5/8	4,134.73	5/8	3,954.02	5/8	3,773.32	5/8	3,592.61	5/8	3,411.91	5/8	3,231.20	5/8	3,050.50	5/8	2,869.79	5/8	2,689.08	5/8	2,508.38
3/4	4,130.96	3/4	3,950.26	3/4	3,769.55	3/4	3,588.85	3/4	3,408.14	3/4	3,227.44	3/4	3,046.73	3/4	2,866.03	3/4	2,685.32	3/4	2,504.61
7/8	4,127.20	7/8	3,946.49	7/8	3,765.79	7/8	3,585.08	7/8	3,404.38	7/8	3,223.67	7/8	3,042.97	7/8	2,862.26	7/8	2,681.56	7/8	2,500.85
4	4,123.44	10	3,942.73	4	3,762.02	10	3,581.32	4	3,400.61	10	3,219.91	4	3,039.20	10	2,858.50	4	2,677.79	10	2,497.08
1/8	4,119.67	1/8	3,938.97	1/8	3,758.26	1/8	3,577.55	1/8	3,396.85	1/8	3,216.14	1/8	3,035.44	1/8	2,854.73	1/8	2,674.03	1/8	2,493.32
1/4	4,115.91	1/4	3,935.20	1/4	3,754.49	1/4	3,573.79	1/4	3,393.08	1/4	3,212.38	1/4	3,031.67	1/4	2,850.97	1/4	2,670.26	1/4	2,489.56
3/8	4,112.14	3/8	3,931.44	3/8	3,750.73	3/8	3,570.02	3/8	3,389.32	3/8	3,208.61	3/8	3,027.91	3/8	2,847.20	3/8	2,666.50	3/8	2,485.79
1/2	4,108.38	1/2	3,927.67	1/2	3,746.97	1/2	3,566.26	1/2	3,385.55	1/2	3,204.85	1/2	3,024.14	1/2	2,843.44	1/2	2,662.73	1/2	2,482.03
5/8	4,104.61	5/8	3,923.91	5/8	3,743.20	5/8	3,562.50	5/8	3,381.79	5/8	3,201.08	5/8	3,020.38	5/8	2,839.67	5/8	2,658.97	5/8	2,478.26
3/4	4,100.85	3/4	3,920.14	3/4	3,739.44	3/4	3,558.73	3/4	3,378.02	3/4	3,197.32	3/4	3,016.61	3/4	2,835.91	3/4	2,655.20	3/4	2,474.50
7/8	4,097.08	7/8	3,916.38	7/8	3,735.67	7/8	3,554.97	7/8	3,374.26	7/8	3,193.55	7/8	3,012.85	7/8	2,832.14	7/8	2,651.44	7/8	2,470.73
5	4,093.32	11	3,912.61	5	3,731.91	11	3,551.20	5	3,370.50	11	3,189.79	5	3,009.08	11	2,828.38	5	2,647.67	11	2,466.97
1/8	4,089.55	1/8	3,908.85	1/8	3,728.14	1/8	3,547.44	1/8	3,366.73	1/8	3,186.03	1/8	3,005.32	1/8	2,824.61	1/8	2,643.91	1/8	2,463.20
1/4	4,085.79	1/4	3,905.08	1/4	3,724.38	1/4	3,543.67	1/4	3,362.97	1/4	3,182.26	1/4	3,001.55	1/4	2,820.85	1/4	2,640.14	1/4	2,459.44
3/8	4,082.02	3/8	3,901.32	3/8	3,720.61	3/8	3,539.91	3/8	3,359.20	3/8	3,178.50	3/8	2,997.79	3/8	2,817.08	3/8	2,636.38	3/8	2,455.67
1/2	4,078.26	1/2	3,897.55	1/2	3,716.85	1/2	3,536.14	1/2	3,355.44	1/2	3,174.73	1/2	2,994.03	1/2	2,813.32	1/2	2,632.61	1/2	2,451.91
5/8	4,074.49	5/8	3,893.79	5/8	3,713.08	5/8	3,532.38	5/8	3,351.67	5/8	3,170.97	5/8	2,990.26	5/8	2,809.56	5/8	2,628.85	5/8	2,448.14
3/4	4,070.73	3/4	3,889.02	3/4	3,709.32	3/4	3,528.61	3/4	3,347.91	3/4	3,167.20	3/4	2,986.50	3/4	2,805.79	3/4	2,625.08	3/4	2,444.38
7/8	4,066.96	7/8	3,886.26	7/8	3,705.55	7/8	3,524.85	7/8	3,344.14	7/8	3,163.44	7/8	2,982.73	7/8	2,802.03	7/8	2,621.32	7/8	2,440.61

GAUGE LOCATED 46"-3" FORWARD OF AFT AND 11'-9" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12
STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

**4 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 5/8"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,436.85	6	2,256.14	0	2,075.44	6	1,894.73	0	1,714.03	6	1,533.31	0	1,352.59	6	1,172.06	0	991.75	6	811.14
1/8	2,433.09	1/8	2,252.38	1/8	2,071.67	1/8	1,890.97	1/8	1,710.26	1/8	1,529.55	1/8	1,348.83	1/8	1,168.30	1/8	987.99	1/8	807.38
1/4	2,429.32	1/4	2,248.61	1/4	2,067.91	1/4	1,887.20	1/4	1,706.50	1/4	1,525.78	1/4	1,345.06	1/4	1,164.54	1/4	984.24	1/4	803.61
3/8	2,425.56	3/8	2,244.85	3/8	2,064.14	3/8	1,883.44	3/8	1,702.73	3/8	1,522.02	3/8	1,341.30	3/8	1,160.79	3/8	980.48	3/8	799.85
1/2	2,421.79	1/2	2,241.09	1/2	2,060.38	1/2	1,879.67	1/2	1,698.97	1/2	1,518.25	1/2	1,337.53	1/2	1,157.03	1/2	976.72	1/2	796.08
5/8	2,418.03	5/8	2,237.32	5/8	2,056.62	5/8	1,875.91	5/8	1,695.20	5/8	1,514.49	5/8	1,333.77	5/8	1,153.28	5/8	972.97	5/8	792.32
3/4	2,414.26	3/4	2,233.56	3/4	2,052.85	3/4	1,872.14	3/4	1,691.44	3/4	1,510.72	3/4	1,330.00	3/4	1,149.52	3/4	969.21	3/4	788.55
7/8	2,410.50	7/8	2,229.79	7/8	2,049.09	7/8	1,868.38	7/8	1,687.67	7/8	1,506.96	7/8	1,326.24	7/8	1,145.76	7/8	965.45	7/8	784.79
2	2,406.73	7	2,226.03	1	2,045.32	7	1,864.62	1	1,683.91	7	1,503.19	1	1,322.47	7	1,142.01	1	961.69	7	781.02
1/8	2,402.97	1/8	2,222.26	1/8	2,041.56	1/8	1,860.85	1/8	1,680.15	1/8	1,499.43	1/8	1,318.71	1/8	1,138.25	1/8	957.93	1/8	777.26
1/4	2,399.20	1/4	2,218.50	1/4	2,037.79	1/4	1,857.09	1/4	1,676.38	1/4	1,495.66	1/4	1,314.94	1/4	1,134.49	1/4	954.17	1/4	773.49
3/8	2,395.44	3/8	2,214.73	3/8	2,034.03	3/8	1,853.32	3/8	1,672.62	3/8	1,491.90	3/8	1,311.18	3/8	1,130.74	3/8	950.41	3/8	769.73
1/2	2,391.67	1/2	2,210.97	1/2	2,030.26	1/2	1,849.56	1/2	1,668.85	1/2	1,488.13	1/2	1,307.41	1/2	1,126.98	1/2	946.65	1/2	765.97
5/8	2,387.91	5/8	2,207.20	5/8	2,026.50	5/8	1,845.79	5/8	1,665.09	5/8	1,484.37	5/8	1,303.65	5/8	1,123.22	5/8	942.89	5/8	762.20
3/4	2,384.14	3/4	2,203.44	3/4	2,022.73	3/4	1,842.03	3/4	1,661.32	3/4	1,480.60	3/4	1,299.88	3/4	1,119.47	3/4	939.13	3/4	758.44
7/8	2,380.38	7/8	2,199.67	7/8	2,018.97	7/8	1,838.26	7/8	1,657.56	7/8	1,476.84	7/8	1,296.12	7/8	1,115.71	7/8	935.36	7/8	754.67
2	2,376.61	8	2,195.91	2	2,015.20	8	1,834.50	2	1,653.79	8	1,473.07	2	1,292.35	8	1,111.95	2	931.60	8	750.91
1/8	2,372.85	1/8	2,192.14	1/8	2,011.44	1/8	1,830.73	1/8	1,650.03	1/8	1,469.31	1/8	1,288.59	1/8	1,108.20	1/8	927.84	1/8	747.14
1/4	2,369.09	1/4	2,188.38	1/4	2,007.67	1/4	1,826.97	1/4	1,646.26	1/4	1,465.54	1/4	1,284.82	1/4	1,104.44	1/4	924.07	1/4	743.38
3/8	2,365.32	3/8	2,184.61	3/8	2,003.91	3/8	1,823.20	3/8	1,642.50	3/8	1,461.78	3/8	1,281.06	3/8	1,100.69	3/8	920.31	3/8	739.61
1/2	2,361.56	1/2	2,180.85	1/2	2,000.14	1/2	1,819.44	1/2	1,638.73	1/2	1,458.01	1/2	1,277.29	1/2	1,096.93	1/2	916.55	1/2	735.85
5/8	2,357.79	5/8	2,177.09	5/8	1,996.38	5/8	1,815.67	5/8	1,634.97	5/8	1,454.25	5/8	1,273.53	5/8	1,093.17	5/8	912.78	5/8	732.08
3/4	2,354.03	3/4	2,173.32	3/4	1,992.62	3/4	1,811.91	3/4	1,631.20	3/4	1,450.48	3/4	1,269.77	3/4	1,089.42	3/4	909.02	3/4	728.32
7/8	2,350.26	7/8	2,169.56	7/8	1,988.85	7/8	1,808.14	7/8	1,627.44	7/8	1,446.72	7/8	1,266.01	7/8	1,085.66	7/8	905.25	7/8	724.55
3	2,346.50	9	2,165.79	3	1,985.09	9	1,804.38	3	1,623.67	9	1,442.95	3	1,262.24	9	1,081.90	3	901.49	9	720.79
1/8	2,342.73	1/8	2,162.03	1/8	1,981.32	1/8	1,800.62	1/8	1,619.91	1/8	1,439.19	1/8	1,258.48	1/8	1,078.15	1/8	897.73	1/8	717.03
1/4	2,338.97	1/4	2,158.26	1/4	1,977.56	1/4	1,796.85	1/4	1,616.14	1/4	1,435.42	1/4	1,254.72	1/4	1,074.39	1/4	893.96	1/4	713.26
3/8	2,335.20	3/8	2,154.50	3/8	1,973.79	3/8	1,793.09	3/8	1,612.38	3/8	1,431.66	3/8	1,250.96	3/8	1,070.63	3/8	890.20	3/8	709.50
1/2	2,331.44	1/2	2,150.73	1/2	1,970.03	1/2	1,789.32	1/2	1,608.61	1/2	1,427.89	1/2	1,247.20	1/2	1,066.88	1/2	886.43	1/2	705.73
5/8	2,327.67	5/8	2,146.97	5/8	1,966.26	5/8	1,785.56	5/8	1,604.85	5/8	1,424.13	5/8	1,243.44	5/8	1,063.12	5/8	882.67	5/8	701.97
3/4	2,323.91	3/4	2,143.20	3/4	1,962.50	3/4	1,781.79	3/4	1,601.08	3/4	1,420.36	3/4	1,239.68	3/4	1,059.37	3/4	878.90	3/4	698.20
7/8	2,320.14	7/8	2,139.44	7/8	1,958.73	7/8	1,778.03	7/8	1,597.32	7/8	1,416.60	7/8	1,235.92	7/8	1,055.61	7/8	875.14	7/8	694.44
4	2,316.38	10	2,135.67	4	1,954.97	10	1,774.26	4	1,593.55	10	1,412.83	4	1,232.16	10	1,051.85	4	871.37	10	690.67
1/8	2,312.61	1/8	2,131.91	1/8	1,951.20	1/8	1,770.50	1/8	1,589.79	1/8	1,409.07	1/8	1,228.41	1/8	1,048.10	1/8	867.61	1/8	686.91
1/4	2,308.85	1/4	2,128.14	1/4	1,947.44	1/4	1,766.73	1/4	1,586.02	1/4	1,405.30	1/4	1,224.65	1/4	1,044.34	1/4	863.84	1/4	683.14
3/8	2,305.09	3/8	2,124.38	3/8	1,943.67	3/8	1,762.97	3/8	1,582.26	3/8	1,401.54	3/8	1,220.89	3/8	1,040.58	3/8	860.08	3/8	679.38
1/2	2,301.32	1/2	2,120.61	1/2	1,939.91	1/2	1,759.20	1/2	1,578.49	1/2	1,397.77	1/2	1,217.13	1/2	1,036.83	1/2	856.32	1/2	675.61
5/8	2,297.56	5/8	2,116.85	5/8	1,936.14	5/8	1,755.44	5/8	1,574.73	5/8	1,394.01	5/8	1,213.38	5/8	1,033.07	5/8	852.55	5/8	671.85
3/4	2,293.79	3/4	2,113.09	3/4	1,932.38	3/4	1,751.67	3/4	1,570.96	3/4	1,390.24	3/4	1,209.62	3/4	1,029.31	3/4	848.79	3/4	668.09
7/8	2,290.03	7/8	2,109.32	7/8	1,928.62	7/8	1,747.91	7/8	1,567.20	7/8	1,386.48	7/8	1,205.86	7/8	1,025.56	7/8	845.02	7/8	664.32
5	2,286.26	11	2,105.56	5	1,924.85	11	1,744.14	5	1,563.43	11	1,382.71	5	1,202.11	11	1,021.80	5	841.26	11	660.56
1/8	2,282.50	1/8	2,101.79	1/8	1,921.09	1/8	1,740.38	1/8	1,559.67	1/8	1,378.95	1/8	1,198.35	1/8	1,018.04	1/8	837.49	1/8	656.79
1/4	2,278.73	1/4	2,098.03	1/4	1,917.32	1/4	1,736.62	1/4	1,555.90	1/4	1,375.18	1/4	1,194.60	1/4	1,014.29	1/4	833.73	1/4	653.03
3/8	2,274.97	3/8	2,094.26	3/8	1,913.56	3/8	1,732.85	3/8	1,552.14	3/8	1,371.42	3/8	1,190.84	3/8	1,010.53	3/8	829.96	3/8	649.26
1/2	2,271.20	1/2	2,090.50	1/2	1,909.79	1/2	1,729.09	1/2	1,548.37	1/2	1,367.65	1/2	1,187.08	1/2	1,006.78	1/2	826.20	1/2	645.50
5/8	2,267.44	5/8	2,086.73	5/8	1,906.03	5/8	1,725.32	5/8	1,544.61	5/8	1,363.89	5/8	1,183.33	5/8	1,003.02	5/8	822.43	5/8	641.73
3/4	2,263.67	3/4	2,082.97	3/4	1,902.26	3/4	1,721.56	3/4	1,540.84	3/4	1,360.12	3/4	1,179.57	3/4	999.26	3/4	818.67	3/4	637.97
7/8	2,259.91	7/8	2,079.20	7/8	1,898.50	7/8	1,717.79	7/8	1,537.08	7/8	1,356.36	7/8	1,175.81	7/8	995.51	7/8	814.91	7/8	634.20

GAUGE LOCATED 46"-3" FORWARD OF AFT AND 11"-9" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12
STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endres

SAYBOLT LP

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

GREAT STRIDES

**4 PORT
ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-8 5/8"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	630.44	6	449.74	0	269.29	6	92.05
1/8	626.68	1/8	445.98	1/8	265.54	1/8	88.75
1/4	622.91	1/4	442.21	1/4	261.79	1/4	85.45
3/8	619.15	3/8	438.45	3/8	258.03	3/8	82.16
1/2	615.38	1/2	434.68	1/2	254.28	1/2	78.86
5/8	611.62	5/8	430.92	5/8	250.53	5/8	75.57
3/4	607.85	3/4	427.15	3/4	246.78	3/4	72.26
7/8	604.09	7/8	423.39	7/8	243.03	7/8	69.96
1	600.32	7	419.62	1	239.28	7	67.16
1/8	596.56	1/8	415.86	1/8	235.53	1/8	64.36
1/4	592.79	1/4	412.09	1/4	231.78	1/4	61.56
3/8	589.03	3/8	408.33	3/8	228.03	3/8	58.76
1/2	585.26	1/2	404.57	1/2	224.28	1/2	55.96
5/8	581.50	5/8	400.80	5/8	220.54	5/8	53.16
3/4	577.74	3/4	397.04	3/4	216.79	3/4	50.85
7/8	573.97	7/8	393.27	7/8	213.05	7/8	48.55
2	570.21	8	389.51	2	209.30	8	46.24
1/8	566.44	1/8	385.74	1/8	205.56	1/8	43.94
1/4	562.68	1/4	381.98	1/4	201.82	1/4	41.64
3/8	558.91	3/8	378.21	3/8	198.07	3/8	39.33
1/2	555.15	1/2	374.45	1/2	194.33	1/2	37.03
5/8	551.38	5/8	370.69	5/8	190.58	5/8	34.72
3/4	547.62	3/4	366.93	3/4	186.85		
7/8	543.85	7/8	363.17	7/8	183.11		
3	540.09	9	359.41	3	179.38		
1/8	536.32	1/8	355.65	1/8	175.64		
1/4	532.56	1/4	351.89	1/4	171.91		
3/8	528.80	3/8	348.13	3/8	168.17		
1/2	525.03	1/2	344.37	1/2	164.43		
5/8	521.27	5/8	340.61	5/8	160.70		
3/4	517.50	3/4	336.85	3/4	156.98		
7/8	513.74	7/8	333.10	7/8	153.26		
4	509.97	10	329.34	4	149.53		
1/8	506.21	1/8	325.59	1/8	145.81		
1/4	502.44	1/4	321.83	1/4	142.09		
3/8	498.68	3/8	318.08	3/8	138.37		
1/2	494.91	1/2	314.32	1/2	134.65		
5/8	491.15	5/8	310.57	5/8	130.93		
3/4	487.38	3/4	306.82	3/4	127.30		
7/8	483.62	7/8	303.06	7/8	123.68		
5	479.86	11	299.31	5	120.05		
1/8	476.09	1/8	295.56	1/8	116.43		
1/4	472.33	1/4	291.80	1/4	112.81		
3/8	468.56	3/8	288.05	3/8	109.18		
1/2	464.80	1/2	284.30	1/2	105.56		
5/8	461.03	5/8	280.55	5/8	101.93		
3/4	457.27	3/4	276.79	3/4	98.64		
7/8	453.50	7/8	273.04	7/8	95.34		

GAUGE LOCATED 46'-3" FORWARD OF AFT AND 11'-9" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JF 07/24/12

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SAYBOLT LP

O. Endres

SAYBOLT LP

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

GREAT STRIDES

4 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 7/16"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	
0		6		0		6		0		6		0		6		0		6		0
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,606.18
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,602.45
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,598.72
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,594.99
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,591.25
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,587.52
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,583.79
1	7		1		7		1		7		1		7		15/16		7		7	4,737.70
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,580.05
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,736.66
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,734.59
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,732.52
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,730.44
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,727.80
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,725.17
2	8		2		8		2		8		2		8		7/8		8		8	4,722.53
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,719.89
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,717.25
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,714.62
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,711.98
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,709.34
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,706.12
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,702.90
3	9		3		9		3		9		3		9		3/4		9		9	4,699.67
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,696.45
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,693.23
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,690.01
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,686.78
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,683.56
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,679.95
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,676.34
4	10		4		10		4		10		4		10		7/8		10		10	4,672.73
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,669.11
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,665.50
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,661.89
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,658.28
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,654.67
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,650.94
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,647.21
5	11		5		11		5		11		5		11		7/8		11		11	4,643.49
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,639.76
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,636.03
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,632.30
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,628.58
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,624.85
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,621.12
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,617.38
6	12		6		12		6		12		6		12		7/8		12		12	4,613.65
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,609.92
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,606.18
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,602.45
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,598.72
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,594.99
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,591.25
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,587.52
7	13		7		13		7		13		7		13		7/8		13		13	4,583.79
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,580.05
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,576.32
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,572.59
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,568.86
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,565.12
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,561.39
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,557.66
8	14		8		14		8		14		8		14		7/8		14		14	4,553.92
1/8	1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	4,550.19
1/4	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	4,546.46
3/8	3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	4,542.73
1/2	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	4,538.99
5/8	5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	4,535.26
3/4	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	4,531.53
7/8	7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	4,527.79
9	15		9		15		9		15		9		15		7/8		15		15	4,524.06
1/8	1/8		1/8		1/8															

HERMETIC GAUGE HEIGHT 16'-9 7/16"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	4,247.72	6	4,067.21	0	3,886.67	6	3,706.12	0	3,525.57	6	3,345.03	0	3,164.48	6	2,983.93	0	2,803.38	6	2,622.84
1/8	4,243.97	1/8	4,063.45	1/8	3,882.91	1/8	3,702.36	1/8	3,521.81	1/8	3,341.26	1/8	3,160.72	1/8	2,980.17	1/8	2,799.62	1/8	2,619.08
1/4	4,240.21	1/4	4,059.69	1/4	3,879.14	1/4	3,698.60	1/4	3,518.05	1/4	3,337.50	1/4	3,156.96	1/4	2,976.41	1/4	2,795.86	1/4	2,615.31
3/8	4,236.46	3/8	4,055.93	3/8	3,875.38	3/8	3,694.84	3/8	3,514.29	3/8	3,333.74	3/8	3,153.19	3/8	2,972.65	3/8	2,792.10	3/8	2,611.55
1/2	4,232.70	1/2	4,052.17	1/2	3,871.62	1/2	3,691.07	1/2	3,510.53	1/2	3,329.98	1/2	3,149.43	1/2	2,968.89	1/2	2,788.34	1/2	2,607.79
5/8	4,228.94	5/8	4,048.41	5/8	3,867.86	5/8	3,687.31	5/8	3,506.77	5/8	3,326.22	5/8	3,145.67	5/8	2,965.12	5/8	2,784.58	5/8	2,604.03
3/4	4,225.18	3/4	4,044.65	3/4	3,864.10	3/4	3,683.55	3/4	3,503.00	3/4	3,322.46	3/4	3,141.91	3/4	2,961.36	3/4	2,780.82	3/4	2,600.27
7/8	4,221.42	7/8	4,040.88	7/8	3,860.34	7/8	3,679.79	7/8	3,499.24	7/8	3,318.70	7/8	3,138.15	7/8	2,957.60	7/8	2,777.05	7/8	2,596.51
1	4,217.67	7	4,037.12	1	3,856.58	7	3,676.03	1	3,495.48	7	3,314.93	1	3,134.39	7	2,953.84	1	2,773.29	7	2,592.75
1/8	4,213.91	1/8	4,033.36	1/8	3,852.81	1/8	3,672.27	1/8	3,491.72	1/8	3,311.17	1/8	3,130.63	1/8	2,950.08	1/8	2,769.53	1/8	2,588.98
1/4	4,210.15	1/4	4,029.60	1/4	3,849.05	1/4	3,668.51	1/4	3,487.96	1/4	3,307.41	1/4	3,126.86	1/4	2,946.32	1/4	2,765.77	1/4	2,585.22
3/8	4,206.39	3/8	4,025.84	3/8	3,845.29	3/8	3,664.74	3/8	3,484.20	3/8	3,303.65	3/8	3,123.10	3/8	2,942.56	3/8	2,762.01	3/8	2,581.46
1/2	4,202.62	1/2	4,022.08	1/2	3,841.53	1/2	3,660.98	1/2	3,480.44	1/2	3,299.89	1/2	3,119.34	1/2	2,938.79	1/2	2,758.25	1/2	2,577.70
5/8	4,198.86	5/8	4,018.32	5/8	3,837.77	5/8	3,657.22	5/8	3,476.67	5/8	3,296.13	5/8	3,115.58	5/8	2,935.03	5/8	2,754.49	5/8	2,573.94
3/4	4,195.10	3/4	4,014.55	3/4	3,834.01	3/4	3,653.46	3/4	3,472.91	3/4	3,292.37	3/4	3,111.82	3/4	2,931.27	3/4	2,750.72	3/4	2,570.18
7/8	4,191.34	7/8	4,010.79	7/8	3,830.25	7/8	3,649.70	7/8	3,469.15	7/8	3,288.60	7/8	3,108.06	7/8	2,927.51	7/8	2,746.96	7/8	2,566.42
2	4,187.58	8	4,007.03	2	3,826.48	8	3,645.94	2	3,465.39	8	3,284.84	2	3,104.30	8	2,923.75	2	2,743.20	8	2,562.65
1/8	4,183.82	1/8	4,003.27	1/8	3,822.72	1/8	3,642.18	1/8	3,461.63	1/8	3,281.08	1/8	3,100.53	1/8	2,919.99	1/8	2,739.44	1/8	2,558.89
1/4	4,180.06	1/4	3,999.51	1/4	3,818.96	1/4	3,638.41	1/4	3,457.87	1/4	3,277.32	1/4	3,096.77	1/4	2,916.23	1/4	2,735.68	1/4	2,555.13
3/8	4,176.29	3/8	3,995.75	3/8	3,815.20	3/8	3,634.65	3/8	3,454.11	3/8	3,273.56	3/8	3,093.01	3/8	2,912.46	3/8	2,731.92	3/8	2,551.37
1/2	4,172.53	1/2	3,991.99	1/2	3,811.44	1/2	3,630.89	1/2	3,450.34	1/2	3,269.80	1/2	3,089.25	1/2	2,908.70	1/2	2,728.16	1/2	2,547.61
5/8	4,168.77	5/8	3,988.22	5/8	3,807.68	5/8	3,627.13	5/8	3,446.58	5/8	3,266.04	5/8	3,085.49	5/8	2,904.94	5/8	2,724.39	5/8	2,543.85
3/4	4,165.01	3/4	3,984.46	3/4	3,803.92	3/4	3,623.37	3/4	3,442.82	3/4	3,262.27	3/4	3,081.73	3/4	2,901.18	3/4	2,720.63	3/4	2,540.09
7/8	4,161.25	7/8	3,980.70	7/8	3,800.15	7/8	3,619.61	7/8	3,439.06	7/8	3,258.51	7/8	3,077.97	7/8	2,897.42	7/8	2,716.87	7/8	2,536.32
3	4,157.49	9	3,976.94	3	3,796.39	9	3,615.85	3	3,435.30	9	3,254.75	3	3,074.20	9	2,893.66	3	2,713.11	9	2,532.56
1/8	4,153.73	1/8	3,973.18	1/8	3,792.63	1/8	3,612.08	1/8	3,431.54	1/8	3,250.99	1/8	3,070.44	1/8	2,889.90	1/8	2,709.35	1/8	2,528.80
1/4	4,149.97	1/4	3,969.42	1/4	3,788.87	1/4	3,608.32	1/4	3,427.78	1/4	3,247.23	1/4	3,066.68	1/4	2,886.13	1/4	2,705.59	1/4	2,525.04
3/8	4,146.20	3/8	3,965.66	3/8	3,785.11	3/8	3,604.56	3/8	3,424.01	3/8	3,243.47	3/8	3,062.92	3/8	2,882.37	3/8	2,701.83	3/8	2,521.28
1/2	4,142.44	1/2	3,961.90	1/2	3,781.35	1/2	3,600.80	1/2	3,420.25	1/2	3,239.71	1/2	3,059.16	1/2	2,878.61	1/2	2,698.06	1/2	2,517.52
5/8	4,138.68	5/8	3,958.13	5/8	3,777.59	5/8	3,597.04	5/8	3,416.49	5/8	3,235.94	5/8	3,055.40	5/8	2,874.85	5/8	2,694.30	5/8	2,513.76
3/4	4,134.92	3/4	3,954.37	3/4	3,773.83	3/4	3,593.28	3/4	3,412.73	3/4	3,232.18	3/4	3,051.64	3/4	2,871.09	3/4	2,690.54	3/4	2,509.99
7/8	4,131.16	7/8	3,950.61	7/8	3,770.06	7/8	3,589.52	7/8	3,408.97	7/8	3,228.42	7/8	3,047.87	7/8	2,867.33	7/8	2,686.78	7/8	2,506.23
4	4,127.40	10	3,946.85	4	3,766.30	10	3,585.76	4	3,405.21	10	3,224.66	4	3,044.11	10	2,863.57	4	2,683.02	10	2,502.47
1/8	4,123.64	1/8	3,943.09	1/8	3,762.54	1/8	3,581.99	1/8	3,401.45	1/8	3,220.90	1/8	3,040.35	1/8	2,859.80	1/8	2,679.26	1/8	2,498.71
1/4	4,119.87	1/4	3,939.33	1/4	3,758.78	1/4	3,578.23	1/4	3,397.69	1/4	3,217.14	1/4	3,036.59	1/4	2,856.04	1/4	2,675.50	1/4	2,494.95
3/8	4,116.11	3/8	3,935.57	3/8	3,755.02	3/8	3,574.47	3/8	3,393.92	3/8	3,213.38	3/8	3,032.83	3/8	2,852.28	3/8	2,671.73	3/8	2,491.19
1/2	4,112.35	1/2	3,931.80	1/2	3,751.26	1/2	3,570.71	1/2	3,390.16	1/2	3,209.62	1/2	3,029.07	1/2	2,848.52	1/2	2,667.97	1/2	2,487.43
5/8	4,108.59	5/8	3,928.04	5/8	3,747.50	5/8	3,566.95	5/8	3,386.40	5/8	3,205.85	5/8	3,025.31	5/8	2,844.76	5/8	2,664.21	5/8	2,483.66
3/4	4,104.83	3/4	3,924.28	3/4	3,743.73	3/4	3,563.19	3/4	3,382.64	3/4	3,202.09	3/4	3,021.55	3/4	2,841.00	3/4	2,660.45	3/4	2,479.90
7/8	4,101.07	7/8	3,920.52	7/8	3,739.97	7/8	3,559.43	7/8	3,378.88	7/8	3,198.33	7/8	3,017.78	7/8	2,837.24	7/8	2,656.69	7/8	2,476.14
5	4,097.31	11	3,916.76	5	3,736.21	11	3,555.66	5	3,375.12	11	3,194.57	5	3,014.02	11	2,833.48	5	2,652.93	11	2,472.38
1/8	4,093.54	1/8	3,913.00	1/8	3,732.45	1/8	3,551.90	1/8	3,371.36	1/8	3,190.81	1/8	3,010.26	1/8	2,829.71	1/8	2,649.17	1/8	2,468.62
1/4	4,089.78	1/4	3,909.24	1/4	3,728.69	1/4	3,548.14	1/4	3,367.59	1/4	3,187.05	1/4	3,006.50	1/4	2,825.95	1/4	2,645.41	1/4	2,464.86
3/8	4,086.02	3/8	3,905.47	3/8	3,724.93	3/8	3,544.38	3/8	3,363.83	3/8	3,183.29	3/8	3,002.74	3/8	2,822.19	3/8	2,641.64	3/8	2,461.10
1/2	4,082.26	1/2	3,901.71	1/2	3,721.17	1/2	3,540.62	1/2	3,360.07	1/2	3,179.52	1/2	2,998.98	1/2	2,818.43	1/2	2,637.88	1/2	2,457.34
5/8	4,078.50	5/8	3,897.95	5/8	3,717.40	5/8	3,536.86	5/8	3,356.31	5/8	3,175.76	5/8	2,995.22	5/8	2,814.67	5/8	2,634.12	5/8	2,453.57
3/4	4,074.74	3/4	3,894.19	3/4	3,713.64	3/4	3,533.10	3/4	3,352.55	3/4	3,172.00	3/4	2,991.45	3/4	2,810.91	3/4	2,630.36	3/4	2,449.81
7/8	4,070.98	7/8	3,890.43	7/8	3,709.88	7/8	3,529.33	7/8	3,348.79	7/8	3,168.24	7/8	2,987.69	7/8	2,807.15	7/8	2,626.60	7/8	2,446.05

GAUGE LOCATED 46'-3" FORWARD OF AFT AND 10'-2" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

4 STAR

**ULLAGE TABLE
BARRELS**

HERMETIC GAUGE HEIGHT 16'-9 7/16"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,442.29	6	2,261.74	0	2,081.20	6	1,900.65	0	1,720.10	6	1,540.03	0	1,359.58	6	1,179.56	0	1,000.09	6	819.98
1/8	2,438.53	1/8	2,257.98	1/8	2,077.43	1/8	1,896.89	1/8	1,716.34	1/8	1,536.28	1/8	1,355.82	1/8	1,175.82	1/8	996.35	1/8	816.22
1/4	2,434.77	1/4	2,254.22	1/4	2,073.67	1/4	1,893.13	1/4	1,712.58	1/4	1,532.54	1/4	1,352.06	1/4	1,172.08	1/4	992.61	1/4	812.46
3/8	2,431.01	3/8	2,250.46	3/8	2,069.91	3/8	1,889.36	3/8	1,708.82	3/8	1,528.79	3/8	1,348.29	3/8	1,168.34	3/8	988.87	3/8	808.69
1/2	2,427.24	1/2	2,246.70	1/2	2,066.15	1/2	1,885.60	1/2	1,705.06	1/2	1,525.04	1/2	1,344.53	1/2	1,164.60	1/2	985.13	1/2	804.93
5/8	2,423.48	5/8	2,242.94	5/8	2,062.39	5/8	1,881.84	5/8	1,701.29	5/8	1,521.28	5/8	1,340.77	5/8	1,160.86	5/8	981.40	5/8	801.17
3/4	2,419.72	3/4	2,239.17	3/4	2,058.63	3/4	1,878.08	3/4	1,697.53	3/4	1,517.53	3/4	1,337.01	3/4	1,157.12	3/4	977.66	3/4	797.41
7/8	2,415.96	7/8	2,235.41	7/8	2,054.87	7/8	1,874.32	7/8	1,693.77	7/8	1,513.77	7/8	1,333.25	7/8	1,153.39	7/8	973.92	7/8	793.65
1	2,412.20	7	2,231.65	1	2,051.10	7	1,870.56	1	1,690.01	7	1,510.02	1	1,329.49	7	1,149.65	1	970.18	7	789.89
1/8	2,408.44	1/8	2,227.89	1/8	2,047.34	1/8	1,866.80	1/8	1,686.25	1/8	1,506.26	1/8	1,325.73	1/8	1,145.91	1/8	966.44	1/8	786.13
1/4	2,404.68	1/4	2,224.13	1/4	2,043.58	1/4	1,863.03	1/4	1,682.49	1/4	1,502.51	1/4	1,321.96	1/4	1,142.17	1/4	962.70	1/4	782.37
3/8	2,400.91	3/8	2,220.37	3/8	2,039.82	3/8	1,859.27	3/8	1,678.73	3/8	1,498.75	3/8	1,318.20	3/8	1,138.43	3/8	958.96	3/8	778.61
1/2	2,397.15	1/2	2,216.61	1/2	2,036.06	1/2	1,855.51	1/2	1,674.97	1/2	1,494.99	1/2	1,314.44	1/2	1,134.69	1/2	955.21	1/2	774.85
5/8	2,393.39	5/8	2,212.84	5/8	2,032.30	5/8	1,851.75	5/8	1,671.21	5/8	1,491.23	5/8	1,310.68	5/8	1,130.95	5/8	951.47	5/8	771.09
3/4	2,389.63	3/4	2,209.08	3/4	2,028.54	3/4	1,847.99	3/4	1,667.45	3/4	1,487.47	3/4	1,306.92	3/4	1,127.21	3/4	947.72	3/4	767.32
7/8	2,385.87	7/8	2,205.32	7/8	2,024.77	7/8	1,844.23	7/8	1,663.69	7/8	1,483.71	7/8	1,303.16	7/8	1,123.47	7/8	943.98	7/8	763.56
2	2,382.11	8	2,201.56	2	2,021.01	8	1,840.47	2	1,659.93	8	1,479.95	2	1,299.40	8	1,119.74	2	940.23	8	759.80
1/8	2,378.35	1/8	2,197.80	1/8	2,017.25	1/8	1,836.70	1/8	1,656.17	1/8	1,476.18	1/8	1,295.64	1/8	1,116.00	1/8	936.49	1/8	756.04
1/4	2,374.58	1/4	2,194.04	1/4	2,013.49	1/4	1,832.94	1/4	1,652.41	1/4	1,472.42	1/4	1,291.88	1/4	1,112.26	1/4	932.74	1/4	752.28
3/8	2,370.82	3/8	2,190.28	3/8	2,009.73	3/8	1,829.18	3/8	1,648.65	3/8	1,468.66	3/8	1,288.12	3/8	1,108.52	3/8	929.00	3/8	748.52
1/2	2,367.06	1/2	2,186.51	1/2	2,005.97	1/2	1,825.42	1/2	1,644.90	1/2	1,464.90	1/2	1,284.37	1/2	1,104.78	1/2	925.24	1/2	744.76
5/8	2,363.30	5/8	2,182.75	5/8	2,002.21	5/8	1,821.66	5/8	1,641.15	5/8	1,461.14	5/8	1,280.62	5/8	1,101.04	5/8	921.49	5/8	741.00
3/4	2,359.54	3/4	2,178.99	3/4	1,998.44	3/4	1,817.90	3/4	1,637.40	3/4	1,457.38	3/4	1,276.86	3/4	1,097.30	3/4	917.73	3/4	737.24
7/8	2,355.78	7/8	2,175.23	7/8	1,994.68	7/8	1,814.14	7/8	1,633.65	7/8	1,453.62	7/8	1,273.11	7/8	1,093.56	7/8	913.97	7/8	733.48
3	2,352.02	9	2,171.47	3	1,990.92	9	1,810.37	3	1,629.90	9	1,449.85	3	1,269.36	9	1,089.82	3	910.22	9	729.72
1/8	2,348.25	1/8	2,167.71	1/8	1,987.16	1/8	1,806.61	1/8	1,626.15	1/8	1,446.09	1/8	1,265.61	1/8	1,086.09	1/8	906.46	1/8	725.95
1/4	2,344.49	1/4	2,163.95	1/4	1,983.40	1/4	1,802.85	1/4	1,622.40	1/4	1,442.33	1/4	1,261.86	1/4	1,082.35	1/4	902.71	1/4	722.19
3/8	2,340.73	3/8	2,160.18	3/8	1,979.64	3/8	1,799.09	3/8	1,618.65	3/8	1,438.57	3/8	1,258.11	3/8	1,078.61	3/8	898.95	3/8	718.43
1/2	2,336.97	1/2	2,156.42	1/2	1,975.88	1/2	1,795.33	1/2	1,614.90	1/2	1,434.81	1/2	1,254.36	1/2	1,074.87	1/2	895.19	1/2	714.67
5/8	2,333.21	5/8	2,152.66	5/8	1,972.11	5/8	1,791.57	5/8	1,611.16	5/8	1,431.05	5/8	1,250.62	5/8	1,071.13	5/8	891.43	5/8	710.91
3/4	2,329.45	3/4	2,148.90	3/4	1,968.35	3/4	1,787.81	3/4	1,607.42	3/4	1,427.29	3/4	1,246.88	3/4	1,067.39	3/4	887.67	3/4	707.15
7/8	2,325.69	7/8	2,145.14	7/8	1,964.59	7/8	1,784.04	7/8	1,603.67	7/8	1,423.52	7/8	1,243.14	7/8	1,063.65	7/8	883.91	7/8	703.39
4	2,321.92	10	2,141.38	4	1,960.83	10	1,780.28	4	1,599.93	10	1,419.76	4	1,239.39	10	1,059.91	4	880.15	10	699.63
1/8	2,318.16	1/8	2,137.62	1/8	1,957.07	1/8	1,776.52	1/8	1,596.18	1/8	1,416.00	1/8	1,235.65	1/8	1,056.17	1/8	876.39	1/8	695.87
1/4	2,314.40	1/4	2,133.85	1/4	1,953.31	1/4	1,772.76	1/4	1,592.44	1/4	1,412.24	1/4	1,231.91	1/4	1,052.44	1/4	872.63	1/4	692.11
3/8	2,310.64	3/8	2,130.09	3/8	1,949.55	3/8	1,769.00	3/8	1,588.70	3/8	1,408.48	3/8	1,228.17	3/8	1,048.70	3/8	868.87	3/8	688.35
1/2	2,306.88	1/2	2,126.33	1/2	1,945.78	1/2	1,765.24	1/2	1,584.95	1/2	1,404.72	1/2	1,224.43	1/2	1,044.96	1/2	865.11	1/2	684.58
5/8	2,303.12	5/8	2,122.57	5/8	1,942.02	5/8	1,761.48	5/8	1,581.21	5/8	1,400.96	5/8	1,220.69	5/8	1,041.22	5/8	861.35	5/8	680.82
3/4	2,299.36	3/4	2,118.81	3/4	1,938.26	3/4	1,757.71	3/4	1,577.47	3/4	1,397.19	3/4	1,216.95	3/4	1,037.48	3/4	857.59	3/4	677.06
7/8	2,295.59	7/8	2,115.05	7/8	1,934.50	7/8	1,753.95	7/8	1,573.72	7/8	1,393.43	7/8	1,213.21	7/8	1,033.74	7/8	853.82	7/8	673.30
5	2,291.83	11	2,111.29	5	1,930.74	11	1,750.19	5	1,569.98	11	1,389.67	5	1,209.47	11	1,030.00	5	850.06	11	669.54
1/8	2,288.07	1/8	2,107.52	1/8	1,926.98	1/8	1,746.43	1/8	1,566.24	1/8	1,385.91	1/8	1,205.73	1/8	1,026.26	1/8	846.30	1/8	665.78
1/4	2,284.31	1/4	2,103.76	1/4	1,923.22	1/4	1,742.67	1/4	1,562.49	1/4	1,382.15	1/4	1,201.99	1/4	1,022.52	1/4	842.54	1/4	662.02
3/8	2,280.55	3/8	2,100.00	3/8	1,919.45	3/8	1,738.91	3/8	1,558.75	3/8	1,378.39	3/8	1,198.25	3/8	1,018.79	3/8	838.78	3/8	658.26
1/2	2,276.79	1/2	2,096.24	1/2	1,915.69	1/2	1,735.15	1/2	1,555.00	1/2	1,374.62	1/2	1,194.51	1/2	1,015.05	1/2	835.02	1/2	654.50
5/8	2,273.03	5/8	2,092.48	5/8	1,911.93	5/8	1,731.38	5/8	1,551.26	5/8	1,370.86	5/8	1,190.77	5/8	1,011.31	5/8	831.26	5/8	650.74
3/4	2,269.27	3/4	2,088.72	3/4	1,908.17	3/4	1,727.62	3/4	1,547.51	3/4	1,367.10	3/4	1,187.04	3/4	1,007.57	3/4	827.50	3/4	646.98
7/8	2,265.50	7/8	2,084.96	7/8	1,904.41	7/8	1,723.86	7/8	1,543.77	7/8	1,363.34	7/8	1,183.30	7/8	1,003.83	7/8	823.74	7/8	643.21

GAUGE LOCATED 46'-3" FORWARD OF AFT AND 10'-2" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Endress

SAYBOLT LP

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

GREAT STRIDES

4 STAR
ULLAGE TABLE
BARRELS

HERMETIC GAUGE HEIGHT 16'-9 7/16"

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	639.45	6	458.93	0	278.63	6	100.57
1/8	635.69	1/8	455.17	1/8	274.88	1/8	97.05
1/4	631.93	1/4	451.41	1/4	271.13	1/4	93.52
3/8	628.17	3/8	447.65	3/8	267.38	3/8	90.00
1/2	624.41	1/2	443.89	1/2	263.63	1/2	86.91
5/8	620.65	5/8	440.13	5/8	259.89	5/8	83.81
3/4	616.89	3/4	436.37	3/4	256.14	3/4	80.71
7/8	613.13	7/8	432.61	7/8	252.39	7/8	77.62
1	609.37	7	428.85	1	248.64	7	74.52
1/8	605.61	1/8	425.09	1/8	244.90	1/8	71.43
1/4	601.84	1/4	421.32	1/4	241.15	1/4	68.33
3/8	598.08	3/8	417.56	3/8	237.40	3/8	65.24
1/2	594.32	1/2	413.80	1/2	233.66	1/2	62.66
5/8	590.56	5/8	410.04	5/8	229.91	5/8	60.08
3/4	586.80	3/4	406.28	3/4	226.17	3/4	57.51
7/8	583.04	7/8	402.52	7/8	222.43	7/8	54.93
2	579.28	8	398.76	2	218.68	8	52.35
1/8	575.52	1/8	395.00	1/8	214.94	1/8	49.77
1/4	571.76	1/4	391.24	1/4	211.20	1/4	47.20
3/8	568.00	3/8	387.48	3/8	207.45	3/8	44.62
1/2	564.24	1/2	383.72	1/2	203.71	1/2	42.53
5/8	560.47	5/8	379.96	5/8	199.98	5/8	40.43
3/4	556.71	3/4	376.20	3/4	196.24	3/4	38.34
7/8	552.95	7/8	372.44	7/8	192.50	7/8	36.24
3	549.19	9	368.68	3	188.77	9	34.15
1/8	545.43	1/8	364.92	1/8	185.03	1/8	32.05
1/4	541.67	1/4	361.16	1/4	181.29	1/4	29.96
3/8	537.91	3/8	357.40	3/8	177.55	3/8	27.86
1/2	534.15	1/2	353.64	1/2	173.83	7/16	26.83
5/8	530.39	5/8	349.89	5/8	170.10		
3/4	526.63	3/4	346.14	3/4	166.37		
7/8	522.87	7/8	342.38	7/8	162.65		
4	519.11	10	338.63	4	158.92		
1/8	515.34	1/8	334.88	1/8	155.19		
1/4	511.58	1/4	331.12	1/4	151.47		
3/8	507.82	3/8	327.37	3/8	147.74		
1/2	504.06	1/2	323.62	1/2	144.04		
5/8	500.30	5/8	319.87	5/8	140.35		
3/4	496.54	3/4	316.12	3/4	136.65		
7/8	492.78	7/8	312.37	7/8	132.96		
5	489.02	11	308.62	5	129.26		
1/8	485.26	1/8	304.87	1/8	125.57		
1/4	481.50	1/4	301.12	1/4	121.88		
3/8	477.74	3/8	297.37	3/8	118.18		
1/2	473.98	1/2	293.63	1/2	114.66		
5/8	470.21	5/8	289.88	5/8	111.14		
3/4	466.45	3/4	286.13	3/4	107.61		
7/8	462.69	7/8	282.38	7/8	104.09		

GAUGE LOCATED 46'-3" FORWARD OF AFT AND 10'-2" FROM CENTERLINE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

CARGO CAPACITY NOT INCLUDED IN TABLES

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 07/24/12

STRAPPED BY: AA-AV 07/12+18/12

SAYBOLT LP

O. Enchess

SAYBOLT LP

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

GREAT STRIDES

DIESEL OIL TANK

**INNAGE TABLE
BARRELS**

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0.00	6	10.68	0	21.37	6	32.05	0	42.74	6	53.42	0	64.11	6	74.79	0	85.48	6	96.16
1/8	0.22	1/8	10.91	1/8	21.59	1/8	32.28	1/8	42.96	1/8	53.65	1/8	64.33	1/8	75.02	1/8	85.70		
1/4	0.45	1/4	11.13	1/4	21.81	1/4	32.50	1/4	43.18	1/4	53.87	1/4	64.55	1/4	75.24	1/4	85.92		
3/8	0.67	3/8	11.35	3/8	22.04	3/8	32.72	3/8	43.41	3/8	54.09	3/8	64.78	3/8	75.46	3/8	86.15		
1/2	0.89	1/2	11.58	1/2	22.26	1/2	32.94	1/2	43.63	1/2	54.31	1/2	65.00	1/2	75.68	1/2	86.37		
5/8	1.11	5/8	11.80	5/8	22.48	5/8	33.17	5/8	43.85	5/8	54.54	5/8	65.22	5/8	75.91	5/8	86.59		
3/4	1.34	3/4	12.02	3/4	22.71	3/4	33.39	3/4	44.07	3/4	54.76	3/4	65.44	3/4	76.13	3/4	86.81		
7/8	1.56	7/8	12.24	7/8	22.93	7/8	33.61	7/8	44.30	7/8	54.98	7/8	65.67	7/8	76.35	7/8	87.04		
1	1.78	7	12.47	1	23.15	7	33.84	1	44.52	7	55.20	1	65.89	7	76.57	1	87.26		
1/8	2.00	1/8	12.69	1/8	23.37	1/8	34.06	1/8	44.74	1/8	55.43	1/8	66.11	1/8	76.80	1/8	87.48		
1/4	2.23	1/4	12.91	1/4	23.60	1/4	34.28	1/4	44.97	1/4	55.65	1/4	66.33	1/4	77.02	1/4	87.70		
3/8	2.45	3/8	13.13	3/8	23.82	3/8	34.50	3/8	45.19	3/8	55.87	3/8	66.56	3/8	77.24	3/8	87.93		
1/2	2.67	1/2	13.36	1/2	24.04	1/2	34.73	1/2	45.41	1/2	56.10	1/2	66.78	1/2	77.46	1/2	88.15		
5/8	2.89	5/8	13.58	5/8	24.26	5/8	34.95	5/8	45.63	5/8	56.32	5/8	67.00	5/8	77.69	5/8	88.37		
3/4	3.12	3/4	13.80	3/4	24.49	3/4	35.17	3/4	45.86	3/4	56.54	3/4	67.23	3/4	77.91	3/4	88.59		
7/8	3.34	7/8	14.02	7/8	24.71	7/8	35.39	7/8	46.08	7/8	56.76	7/8	67.45	7/8	78.13	7/8	88.82		
2	3.56	8	14.25	2	24.93	8	35.62	2	46.30	8	56.99	2	67.67	8	78.36	2	89.04		
1/8	3.78	1/8	14.47	1/8	25.15	1/8	35.84	1/8	46.52	1/8	57.21	1/8	67.89	1/8	78.58	1/8	89.26		
1/4	4.01	1/4	14.69	1/4	25.38	1/4	36.06	1/4	46.75	1/4	57.43	1/4	68.12	1/4	78.80	1/4	89.49		
3/8	4.23	3/8	14.91	3/8	25.60	3/8	36.28	3/8	46.97	3/8	57.65	3/8	68.34	3/8	79.02	3/8	89.71		
1/2	4.45	1/2	15.14	1/2	25.82	1/2	36.51	1/2	47.19	1/2	57.88	1/2	68.56	1/2	79.25	1/2	89.93		
5/8	4.67	5/8	15.36	5/8	26.04	5/8	36.73	5/8	47.41	5/8	58.10	5/8	68.78	5/8	79.47	5/8	90.15		
3/4	4.90	3/4	15.58	3/4	26.27	3/4	36.95	3/4	47.64	3/4	58.32	3/4	69.01	3/4	79.69	3/4	90.38		
7/8	5.12	7/8	15.80	7/8	26.49	7/8	37.17	7/8	47.86	7/8	58.54	7/8	69.23	7/8	79.91	7/8	90.60		
3	5.34	9	16.03	3	26.71	9	37.40	3	48.08	9	58.77	3	69.45	9	80.14	3	90.82		
1/8	5.57	1/8	16.25	1/8	26.93	1/8	37.62	1/8	48.30	1/8	58.99	1/8	69.67	1/8	80.36	1/8	91.04		
1/4	5.79	1/4	16.47	1/4	27.16	1/4	37.84	1/4	48.53	1/4	59.21	1/4	69.90	1/4	80.58	1/4	91.27		
3/8	6.01	3/8	16.70	3/8	27.38	3/8	38.06	3/8	48.75	3/8	59.43	3/8	70.12	3/8	80.80	3/8	91.49		
1/2	6.23	1/2	16.92	1/2	27.60	1/2	38.29	1/2	48.97	1/2	59.66	1/2	70.34	1/2	81.03	1/2	91.71		
5/8	6.46	5/8	17.14	5/8	27.83	5/8	38.51	5/8	49.19	5/8	59.88	5/8	70.56	5/8	81.25	5/8	91.93		
3/4	6.68	3/4	17.36	3/4	28.05	3/4	38.73	3/4	49.42	3/4	60.10	3/4	70.79	3/4	81.47	3/4	92.16		
7/8	6.90	7/8	17.59	7/8	28.27	7/8	38.96	7/8	49.64	7/8	60.32	7/8	71.01	7/8	81.69	7/8	92.38		
4	7.12	10	17.81	4	28.49	10	39.18	4	49.86	10	60.55	4	71.23	10	81.92	4	92.60		
1/8	7.35	1/8	18.03	1/8	28.72	1/8	39.40	1/8	50.09	1/8	60.77	1/8	71.45	1/8	82.14	1/8	92.82		
1/4	7.57	1/4	18.25	1/4	28.94	1/4	39.62	1/4	50.31	1/4	60.99	1/4	71.68	1/4	82.36	1/4	93.05		
3/8	7.79	3/8	18.48	3/8	29.16	3/8	39.85	3/8	50.53	3/8	61.22	3/8	71.90	3/8	82.58	3/8	93.27		
1/2	8.01	1/2	18.70	1/2	29.38	1/2	40.07	1/2	50.75	1/2	61.44	1/2	72.12	1/2	82.81	1/2	93.49		
5/8	8.24	5/8	18.92	5/8	29.61	5/8	40.29	5/8	50.98	5/8	61.66	5/8	72.35	5/8	83.03	5/8	93.71		
3/4	8.46	3/4	19.14	3/4	29.83	3/4	40.51	3/4	51.20	3/4	61.88	3/4	72.57	3/4	83.25	3/4	93.94		
7/8	8.68	7/8	19.37	7/8	30.05	7/8	40.74	7/8	51.42	7/8	62.11	7/8	72.79	7/8	83.48	7/8	94.16		
5	8.90	11	19.59	5	30.27	11	40.96	5	51.64	11	62.33	5	73.01	11	83.70	5	94.38		
1/8	9.13	1/8	19.81	1/8	30.50	1/8	41.18	1/8	51.87	1/8	62.55	1/8	73.24	1/8	83.92	1/8	94.61		
1/4	9.35	1/4	20.03	1/4	30.72	1/4	41.40	1/4	52.09	1/4	62.77	1/4	73.46	1/4	84.14	1/4	94.83		
3/8	9.57	3/8	20.26	3/8	30.94	3/8	41.63	3/8	52.31	3/8	63.00	3/8	73.68	3/8	84.37	3/8	95.05		
1/2	9.79	1/2	20.48	1/2	31.16	1/2	41.85	1/2	52.53	1/2	63.22	1/2	73.90	1/2	84.59	1/2	95.27		
5/8	10.02	5/8	20.70	5/8	31.39	5/8	42.07	5/8	52.76	5/8	63.44	5/8	74.13	5/8	84.81	5/8	95.50		
3/4	10.24	3/4	20.92	3/4	31.61	3/4	42.29	3/4	52.98	3/4	63.66	3/4	74.35	3/4	85.03	3/4	95.72		
7/8	10.46	7/8	21.15	7/8	31.83	7/8	42.52	7/8	53.20	7/8	63.89	7/8	74.57	7/8	85.26	7/8	95.94		

LOCATED AT AFT CENTER OF BARGE

TABLES APPLY WHEN VESSEL IS ON EVEN KEEL

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SAYBOLT LP

O. Endress