



United States of America
Department of Homeland Security
United States Coast Guard

Certification Date: 28 Jun 2022
Expiration Date: 28 Jun 2027

Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

Vessel Name	Official Number	IMO Number	Call Sign	Service
CCL 3202	1089031			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
NEW ORLEANS, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX	14Jan2000	02Jul1999	R-1754	R-1754		R-297.6
UNITED STATES			I-	I-		I-0

Owner
JAB MARINE LLC
1237 LA HWY 75
SUNSHINE, LA 70780
UNITED STATES

Operator
CHEM CARRIERS LLC
1237 HIGHWAY 75
SUNSHINE, LA 70780
UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:

---Lakes, Bays, and Sounds---

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR Table 91.40-3(b); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals and the cognizant OCMI notified in writing as soon as this change in status occurs.

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Baton Rouge, LA, UNITED STATES, the Officer in Charge, Marine Inspection, New Orleans, LA certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection				This Amended certificate issued by <i>M. A. NOVAK</i> JPR, <i>USCG</i> by direction Officer in Charge, Marine Inspection New Orleans, LA Inspection Zone
Date	Zone	A/P/R	Signature	
28Jun2023	MSU BatonRge	A	BAILEY GREGORY	
06Aug2024	MSU BatonRge	A	BAILEY GREGORY	
23Jul2025	MSU BATU	P	<i>K. A. ...</i>	
06Aug2026	BATU	A	<i>K. A. ...</i>	



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UNITED STATES			I-	I-		I-0
Owner	Operator					
JAB MARINE LLC 1237 LA HWY 75 SUNSHINE, LA 70780 UNITED STATES	CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE, LA 70780 UNITED STATES					
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0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers			
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers				
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers				
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers				
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers				
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer				
In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0						
Route Permitted And Conditions Of Operation: ---Lakes, Bays, and Sounds---						
Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.						
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Annual/Periodic/Re-Inspection				This Amended certificate issued by		
Date	Zone	A/P/R	Signature	M. J. NOVAK CDR, USCG, by direction		
28Jun2023	MSU BatonRge	A	BAILEY GREGORY	Officer in Charge, Marine Inspection		
06Aug2024	MSU BatonRge	A	BAILEY GREGORY	New Orleans, LA		
23Jul2025	MSU BATON	P	R. J. [Signature]	Inspection Zone		



United States of America
Department of Homeland Security
United States Coast Guard

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Certificate of Inspection

Vessel Name: CCL 3202

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Jun2032	05Aug2022	12Jun2012
Internal Structure	30Jun2027	28Jun2022	28Jun2017

--- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
23010			Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S	432	15.00
2-4 P/S	433	15.00
5 P/S	377	15.00

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	4329	11ft 0in	15.00	LBS
III	4329	11ft 0in	15.00	R

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment, Serial #VN99018264, dated 14JAN00, may be carried.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S	04Mar2020	28Jun2022	30Jun2032	-	-	-
2-4 P/S	04Mar2020	28Jun2022	30Jun2032	-	-	-
5 P/S	04Mar2020	28Jun2022	30Jun2032	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S	-	-	-	-
2-4 P/S	-	-	-	-
5 P/S	-	-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery



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Department of Homeland Security
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Certificate of Inspection

Vessel Name: CCL 3202

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	40-B:C

---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Marine Safety Unit Baton Rouge	28Jun2023	Completed Annual Inspection.
Marine Safety Unit Baton Rouge	06Aug2024	Changed Operator. Completed Annual Inspection.
Marine Safety Unit Baton Rouge	06Nov2024	Updated vessel name and owner name.

END



Department of Transportation
United States Coast Guard

Serial #: VN99018264
COI Ref: 14-Jan-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: AX3202

Shipyard: FIRSTWAVE N

Official #: D1089031

Page 1 of 1

Hull #: 9524

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'l's of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Caustic soda solution	CSS	5	Y	III	.50-73, .55-1(j)
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Explanation of terms & symbols used in the Table:

Cargo Identification

Name	The proper shipping name as listed in 46 CFR Table 151.05.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
Compatability Group No.	The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
Exceptions (Exc)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
Grade	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "()" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
A, B, C	Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
D, E	Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
NA, NF	Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
#	No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.
Hull Type	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
I	Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
II	Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
III	Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

Note	See Certificate of Inspection for explanation of symbols used in this column.
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UNITED STATES OF AMERICA

DEPARTMENT OF HOMELAND SECURITY UNITED STATES COAST GUARD

NATIONAL VESSEL DOCUMENTATION CENTER

CERTIFICATE OF DOCUMENTATION

VESSEL NAME CCL 3202		OFFICIAL NUMBER 1089031	IMO OR OTHER NUMBER 9524	YEAR COMPLETED 1999	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 1754 GRT	NET TONNAGE 1754 NRT	LENGTH 297.6	BREADTH 54.0	DEPTH 13.0	
PLACE BUILT HOUSTON TX					
OWNERS JAB MARINE LLC		OPERATIONAL ENDORSEMENTS COASTWISE			
MANAGING OWNER JAB MARINE LLC 1237 LA HWY 75 SUNSHINE LA 70780					
RESTRICTIONS NO RECREATION - BARGE, 79 FEET OR MORE IN LENGTH, MEASURED UNDER SIMPLIFIED SYSTEM					
ENTITLEMENTS NONE					
REMARKS NONE					
ISSUE DATE AUGUST 19, 2026		THIS CERTIFICATE EXPIRES SEPTEMBER 30, 2027			
		Christina M. Waddell DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER			



Certificate of Financial Responsibility (COFR)<https://www.uscg.mil/Mariners/National-Pollution-Funds-Center/COFRs/ECOFR-Active-Vessel-Status/>

Updated: 04/15/2026 1145

Vessel Name	Vin	Vst Vessel Type Desc	Vessel Type Code	Gross Tonnage	Case Control ID	Examiner ID	Operator Name	Effective Date	Expiration Date
CCL 1	D518612	TANKBARGE	50	812	841310	22	CHEM CARRIERS, L.L.C	9/2/2025	9/2/2028
CCL 2	D510107	TANKBARGE	50	855	841310	22	CHEM CARRIERS, L.L.C	6/23/2023	6/23/2026
CCL 3	D296363	TANKBARGE	50	822	841310	22	CHEM CARRIERS, L.L.C	10/3/2023	10/3/2026
CCL 4	D512519	TANKBARGE	50	860	841310	22	CHEM CARRIERS, L.L.C	4/7/2025	4/7/2028
CCL 6	D530996	TANKBARGE	50	798	841310	22	CHEM CARRIERS, L.L.C	1/26/2025	1/26/2028
CCL 7	D551980	TANKBARGE	50	773	841310	22	CHEM CARRIERS, L.L.C	11/27/2023	11/27/2026
CCL 8	D551982	TANKBARGE	50	773	841310	22	CHEM CARRIERS, L.L.C	9/27/2025	9/27/2028
CCL 9	D551983	TANKBARGE	50	773	841310	22	CHEM CARRIERS, L.L.C	2/19/2026	2/19/2029
CCL 10	D551979	TANKBARGE	50	773	841310	22	CHEM CARRIERS, L.L.C	12/12/2023	12/12/2026
CCL 11	D551976	TANKBARGE	50	773	841310	22	CHEM CARRIERS, L.L.C	9/29/2025	9/29/2028
CCL 14	D4497784	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	9/22/2025	9/22/2028
CCL 15	D1164452	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	3/1/2024	3/1/2027
CCL 16	D1164666	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	9/14/2024	9/14/2027
CCL 17	D1166179	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	12/19/2025	12/19/2028
CCL 18	D1168981	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	7/1/2023	7/1/2026
CCL 19	D1168980	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	8/24/2023	8/24/2026
CCL 20	D1191598	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	2/27/2025	2/27/2028
CCL 21	D1191599	TANKBARGE	50	793	841310	22	CHEM CARRIERS, L.L.C	2/26/2025	2/26/2028
CCL 22	D1191600	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	1/13/2025	1/13/2028
CCL 23	D1191601	TANKBARGE	50	793	841310	22	CHEM CARRIERS, L.L.C	4/20/2025	4/20/2028
CCL 24	D1196547	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	8/11/2023	8/11/2026
CCL 25	D1196548	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	8/11/2023	8/11/2026
CCL 26	D1203816	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	2/11/2025	2/11/2028
CCL 27	D1203817	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	5/3/2024	5/3/2027
CCL 28	D1212828	TANKBARGE	50	793	841310	22	CHEM CARRIERS, L.L.C	9/9/2023	9/9/2026
CCL 29	D1212829	TANKBARGE	50	793	841310	22	CHEM CARRIERS, L.L.C	9/22/2023	9/22/2026
CCL 30	D1305871	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	10/1/2023	10/1/2026
CCL 31	D1305870	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	10/1/2023	10/1/2026
CCL 32	D1305869	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	11/13/2023	11/13/2026
CCL 33	D1305868	TANKBARGE	50	735	841310	22	CHEM CARRIERS, L.L.C	11/13/2023	11/13/2026
CCL 401	D1216671	TANKBARGE	50	2001	841310	22	CHEM CARRIERS, L.L.C	4/13/2024	4/13/2027
CCL 402	D1219910	TANKBARGE	50	1754	841310	22	CHEM CARRIERS, L.L.C	4/29/2024	4/29/2027
CCL 403	D1231311	TANKBARGE	50	1691	841310	22	CHEM CARRIERS, L.L.C	2/8/2026	2/8/2029
CCL 404	D1231312	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	2/23/2026	2/23/2029
CCL 405	D1236867	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	1/1/2024	1/1/2027
CCL 406	D1236866	TANKBARGE	50	1691	841310	22	CHEM CARRIERS, L.L.C	1/27/2024	1/27/2027
CCL 407	D1246320	TANKBARGE	50	1754	841310	22	CHEM CARRIERS, L.L.C	8/22/2025	8/22/2028
CCL 408	D1246097	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	8/7/2025	8/7/2028
CCL 409	D1246098	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	10/2/2025	10/2/2028
CCL 410	D1255906	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	9/3/2023	9/3/2026
CCL 411	D1255907	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	9/25/2023	9/25/2026
CCL 414-L	D1262941	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	9/23/2024	9/23/2027
CCL 415-T	D1262942	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	9/28/2024	9/28/2027
CCL 416-T	D1264691	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	1/20/2025	1/20/2028
CCL 417-T	D1298307	TANKBARGE	50	1769	841310	22	CHEM CARRIERS, L.L.C	12/19/2025	12/19/2028
CCL 418-L	D1306896	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	11/13/2023	11/13/2026
CCL 419-L	D1306897	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	1/5/2024	1/5/2027
CCL 420-T	D1348560	TANKBARGE	50	1619	841310	22	CHEM CARRIERS, L.L.C	2/12/2025	2/12/2028
CCL 421-T	D1352615	TANKBARGE	50	1616	841310	22	CHEM CARRIERS, L.L.C	8/28/2025	8/28/2028
CCL 424-T	D1359105	TANKBARGE	50	1616	841310	22	CHEM CARRIERS, L.L.C	3/12/2026	3/12/2029
AX 3202	D1089031	TANKBARGE	50	1754	841310	22	CHEM CARRIERS, L.L.C	6/11/2024	6/11/2027
MERLIN BANTA	D249614	TUG AND TOWBOAT	51	384	841310	22	CHEM CARRIERS, L.L.C	11/24/2024	11/24/2027



Cargo Piping Test Letter

Note: Test results are valid for (1) year from date of test!

Date:	<u>4/20/2026</u>	M.A.W.P.	<u>125 psi</u>
Vessel:	<u>CCL - 3202</u>	Method of Test:	<u>AIR</u>
Owner:	<u>Chem Carriers, LLC</u>	Testing Location:	<u>VLS Marine Services Plaquemine</u>
Address:	<u>1237 HWY 75</u>	Physical Address:	<u>1070 River Rd</u>
	<u>Sunshine, LA 70708</u>		<u>Sunshine, LA 70780</u>

TRANSFER SYSTEM TESTING DATA

**** Fill out completely. Write N/A on any non-applicable line. ****

Date:	Barge Piping:	Results	Note:
<u>4/20/2026</u>	<u>Cargo piping & valves</u>	<u>187.5</u> p.s.i	
<u>4/20/2026</u>	<u>Cargo pressure gauges</u>	<u>98%</u> % accurate	
<u>4/20/2026</u>	<u>Steam piping & valves</u>	<u>125</u> p.s.i	

Note: Test each pressure gauges annually, accurate within 10 percent. Test each remote controlled operating or indicating equipment such as remotely operated valve, tank alarm, or emergency shutdown device. 33 CFR 156.170(c)(2) & 46 CFR 35.35-70(b)

SIGNATURES

I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170, 46 CFR 35.35-70.

Tester name:	<u>Nicholas Julien</u>
Tester signature:	<u>Nicholas Julien</u>

VLS Recovery Services

Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning



Cargo Piping Test Letter

Note: Test results are valid for (1) year from date of test!

Date: <u>5/10/2025</u>	M.A.W.P. <u>125 psi</u>
Vessel: <u>CCD-3202</u>	Method of Test: <u>AIR</u>
Owner: <u>Chem Carriers, LLC</u>	Testing Location: <u>VLS Marine Services Plaquemine</u>
Address: <u>1237 HWY 75</u>	Physical Address: <u>1070 River Rd</u>
<u>Sunshine, LA 70708</u>	<u>Sunshine, LA 70780</u>

TRANSFER SYSTEM TESTING DATA

**** Fill out completely. Write N/A on any non-applicable line. ****

Date:	Barge Piping:	Results	Note:
5/10/2025	Cargo piping & valves	188 p.s.i	
5/10/2025	Cargo pressure gauges	98 % accurate	
5/10/2025	Steam piping & valves	125 p.s.i	

Note: Test each pressure gauges annually, accurate within 10 percent. Test each remote controlled operating or indicating equipment such as remotely operated valve, tank alarm, or emergency shutdown device. 33 CFR 156.170(c)(2) & 46 CFR 35.35-70(b)

SIGNATURES

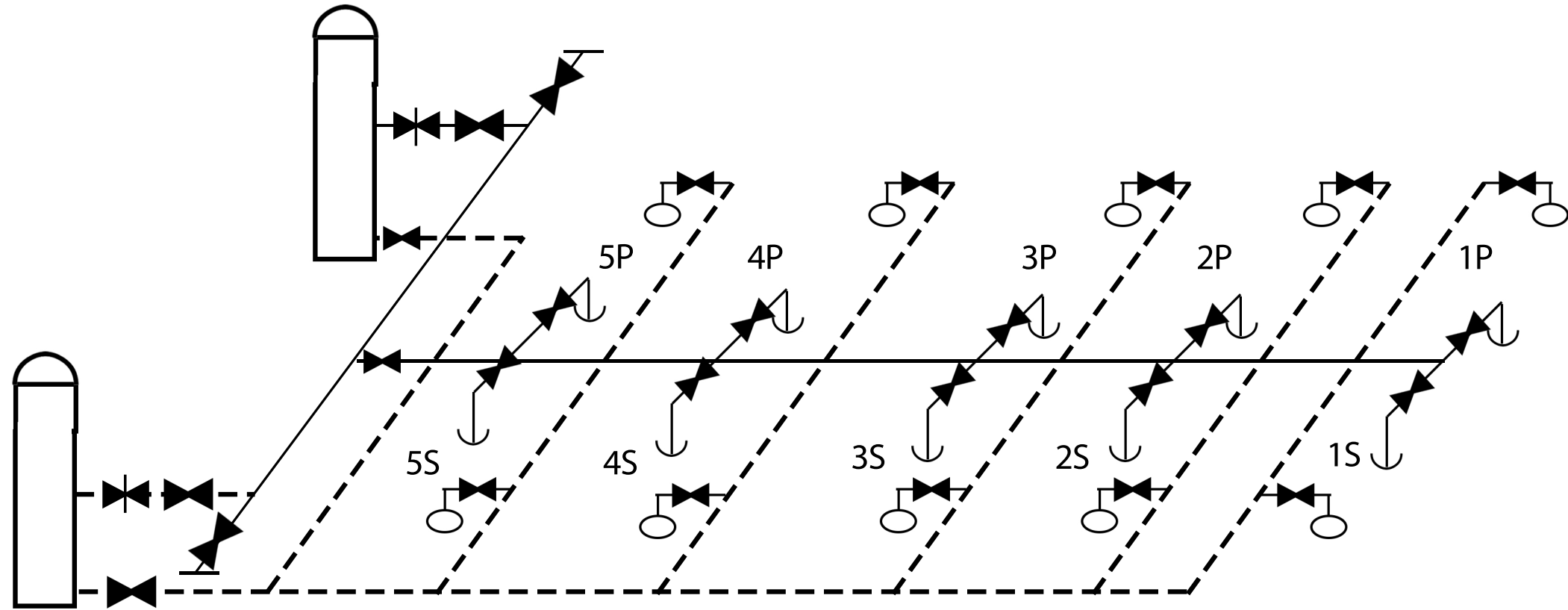
I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170, 46 CFR 35.35-70.

Tester name:	NICHOLAS JULIEN
Tester signature:	<i>Nicholas Julien</i>

VLS Recovery Services

Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning

AX 3202 - Cargo Piping Diagram



Key:

- Above-Deck Piping
- - - Below-Deck Piping
- ⌋ Deck Penetration
- ⌘ Gate Valve
- ⌘ Check Valve
- Cargo Tank Sump

CARGO TRANSFER PROCEDURES

CHEM CARRIERS L.L.C.

TRANSFER FROM BARGE TO DOCK

PARTS

1. **PRODUCTS TRANSFERRED**
2. **DESCRIPTION OF SYSTEM**
3. **PERSONS ON DUTY**
4. **PERSONS IN CHARGE**
5. **EMERGENCY SHUTDOWN**
6. **TOPPING OFF PROCEDURE**
7. **COMPLETION OF TRANSFER**
8. **REPORTING CARGO SPILLS**
9. **VESSEL CLOSURES**
10. **PRODUCT DATA**
Barge AX3202

PARTS 1. PRODUCTS TRANSFERRED

33 CFR 155.750 (a) (1) (i)

This vessel is certificated for the carriage of grades "A" and lower Sub-Chapter (D) and (O) Products. Reference Certificate of Inspection.

PARTS 2. DESCRIPTION OF CARGO TRANSFER SYSTEM

33 CFR 155.750 (a) (2) (i) (ii)

The standard cargo transfer procedures applies to all Chem Carrier L.L.C. owned or leased tank barges. In most cases other than series built barges, the cargo piping arrangement is usually slightly different on every barge, and for this reason, the piping diagram must be studied before loading or discharging a barge. The basic concept for loading and discharging is fairly standard depending on the location of the pump.

A. (Reference the piping diagram for transfer system arrangement.)

B. PROCEDURES FOR THE CONTAINMENT SYSTEM

33 CFR 155.310 (a) (1) (iv)

33 CFR 155.750 (a) (2) (iii)

- 1). The containment pans are equipped with a drain for the removal of slops to shore facilities:

NEVER DRAIN THE CONTAINMENT TANKS ONTO THE DECK.

PARTS 3.

PERSONS ON DUTY DURING TRANSFER

33 CFR 155.750 (a) (3)

Number of persons required to be on duty during transfer operations:

- A. At no time during the transfer operation will be less than one responsible person on duty. The certified tankerman assigned shall be in charge and responsible for the safe transfer of cargo.

PARTS 4.

PERSONS IN CHARGE

The tankerman (person in charge) is responsible for transferring cargo and carrying out related operations on board in an efficient, safe, and pollution free manner. The tankerman whether employed by the towboat, owner, operator, a shore tankerman service, or Chem Carriers L.L.C., shall comply with all Coast Guard, State and local regulations. Tankerman's responsibility shall include but not be limited to the following:

- A. To have on his/her person a valid merchant marine document endorsed as tankerman, certified to handle the grade of cargo to be transferred.
- B. Make a thorough inspection of the barge prior to the start of transfer operation.
- C. To have proper connection of the grounding cable.
- D. The vessel's moorings are adequate to hold during all expected conditions of surge, current, wind, tide, ect., and lines are long enough to allow for surge, tide, wind, changes in draft ect.
- E. Proper hose sizes, lengths, support, and connections.
- F. The condition of fire extinguishers and required number.
- F. The person in charge of transfer operations on the transferring vessel or facility and the person in charge of transferring operations on the receiving vessel or facility agree to begin the transfer operations.
- H. The transfer operation between tank barges and dock facilities should be lighted between sunset and sunrise to comply with the U. S. Coast Guard regulation pertaining to the displaying of lights on barges as required by Title 33.

PARTS 5: EMERGENCY SHUTDOWN

33 CFR 155.750 (a) (6)

THE EMERGENCY SHUTDOWN IS LOCATED NEAR THE CENTER OF THE BARGE.

- A. In the event of an emergency, transfer operations can be stopped by pulling the remote shutdown cable.
- B. Familiarize yourself with its location and operation prior to transfer.

PARTS 6; TOPPING OFF PROCEDURES

33 CFR 155.750 (a) (7)

In the process of topping off, tanks should be loaded at different levels to top off one at a time. Extra care should be taken to avoid over pressuring the connections, and hoses by closing valves against the receiving line. Since barges and facilities vary in their systems, no standard for topping off exist, but the following should be considered:

- A. The closing of one tank increases the rate of flow to other tanks on the same line.
- B. Always consider temperature and cargo in accordance with the amount of expansion that should be allowed.
- C. Always maintain communications with dock or shore personnel.
- D. A set of dipstick overfill devices have been installed on the **AX3202**. Dipsticks can be made operational by releasing the covers or caps. Use dipsticks only as an aid for overfill protection.

PARTS 7: COMPLETION OF TRANSFER

33 CFR 155.750 (a) (8)

Upon the completion of the transfer all pipelines should be vented and drained into cargo tanks. The header valve used during the operation should than be closed, sealed off with a blind flange and shore personnel should seal lines and hatches on vessel.

PARTS 8:

REPORTING OIL SPILLS

33 CFR 155.750 (a) (9)

Should an accidental discharge of product occur, you should consider the following:

- A. Locate the source of the spill and try to stop it, if possible, and safe to do so.
- B. Make an attempt to contain the product if possible.
- C. Notify the Coast Guard. The national Response Center at 1-800-424-9300.
- D. Notify Chem Carriers L.L.C. at (225) 642-0060 or.
- E. If loading, transfer the cargo from the leaking tank to an adjacent tank or back to the dock if safe to do so.
- F. If discharging, pump the product from the leaking tank as quickly as possible if safe to do so.

***When reporting a spill, the tankerman should provide the following information:**

- A. Name (his or her)
- B. Name of Company: (employed by;
(contracted by;
- C. Name of Barge.
- D. Spill Location
- E. Specify Product.
- F. Estimate Quantity of Spill
- G. Weather, Tide, Sea and Current Conditions.
- H. Cause of Spill.
- I. Action Being Taken to Contain and Stop Spill

PART 9

CLOSURES ON VESSELS

Upon completion of cargo transfer operations, all tank hatch covers, ullage covers, and gauging device covers shall be dogged down and secured. In addition, the vent drain valves, if installed, should be secured and left in the proper position. All drain valves should be closed, and drip pan covers, if installed, should be made up tight. Covers for void spaces, bow and stern compartments shall be secured at all times and checked for tightness. Closing devices on clean-out hatches and clean-out opening should be checked, especially when the barge is loaded.

PART 10

PRODUCT DATA

See specific MSDS sheets provided with these procedures.

Incase of any other emergency, immediately shut down and notify the transferring facility, and Chem Carriers L.L.C.

(225) 642-0060 24 Hour Line.

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Center

US Coast Guard Stop 7430
2703 Martin Luther King Jr. Ave. SE
Washington, DC 20593-7430
Staff Symbol: MSC-5
Phone: (202) 795-6729
Email: securityplaninfo@uscg.mil

16710
VS-326893
December 3, 2024

Chem Carriers, LLC
Attn: Robert Banta
1237 Hwy 75
Sunshine, LA 70780
robert@chemcarriers.com

Subj: CHEM CARRIERS, LLC VESSELS
VESSEL SECURITY PLAN APPROVAL WITH AMENDMENTS

Ref: (a) Your correspondence dated November 6, 2024
(b) Title 33 Code of Federal Regulations (CFR) Part 104
(c) MSC Vessel Security Plan Approval letter dated October 16, 2024

Dear Mr. Banta:

We have conducted a review of the Vessel Security Plan (VSP) submitted with reference (a) in accordance with reference (b) and it is **"Approved."**

Your vessel must operate in compliance with this approved VSP and the requirements contained in reference (b). You are reminded to immediately report any deviation from this approved plan to the local Captain of the Port (COTP)/Officer in Charge, Marine Inspection (OCMI).

This approval will remain valid until five years from the date of reference (c) unless rescinded in writing by the local COTP/OCMI. You must review your plan annually and submit any amendments to this office for approval. Please ensure that a copy of the VSP is maintained on board the vessel if manned, or, if unmanned, at a suitable secure location so that it is readily available during an emergency or security incident. You shall make available to the Coast Guard, upon request, this letter, the VSP and any information related to the implementation of the VSP. Our Case Number for this plan is 326893. Please ensure that all future correspondence includes this Case Number.

Sincerely,

K. C. WILLIAMS
Lieutenant Commander, U.S. Coast Guard
Chief, Vessel Security Division
By direction

Enclosures: (1) List of Vessel Security Plan Amendments
(2) List of Vessels Covered

List of Vessels Covered

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL-1	518612
CCL 2	510107
CCL-3	296363
CCL 4	512519
CCL-5	512520
CCL-6	530996
CCL7	551980
CCL 8	551982
CCL 9	551983
CCL 10	551979
CCL 11	551976
CCL 14	1164451
CCL 15	1164452
CCL 16	1164666
CCL 17	1166179
CCL 18	1168981
CCL 19	1168980
CCL 20	1191598
CCL 21	1191599
CCL 22	1191600
CCL 23	1191601
CCL 24	1196547
CCL 25	1196548
CCL 26	1203816
CCL 27	1203817
CCL 28	1212828
CCL 29	1212829
CCL 30	1305871
CCL 31	1305870
CCL 32	1305869
CCL 33	1305868
CCL 401	1216671
CCL 402	1219910
CCL 403	1231311
CCL 404	1231312
CCL 405	1236867
CCL 406	1236866
CCL 407	1246320
CCL 408	1246097
CCL 409	1246098
CCL 410	1255906
CCL 411	1255907
CCL 414-L	1262941
CCL 415-T	1262942

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL 416-T	1264691
CCL 417 T	1298307
CCL 418-L	1306896
CCL 419-L	1306897
CCL 420-T	1348560
CCL 421-T	CG1843359
CCL 3202	1089031
HFL 413	1237482
HFL 415	1237483
HFL 435	1236563
HFL 605	1237484

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

1 PORT

ULLAGE TABLE

GAUGE HEIGHT 12'-11 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	98,654	0	92,497	0	83,119	0	73,692	0	64,265	0	54,839	0	45,412	0	35,985
1/4		1/4		1/4	98,627	1/4	92,302	1/4	82,922	1/4	73,496	1/4	64,069	1/4	54,642	1/4	45,215	1/4	35,789
1/2		1/2		1/2	98,600	1/2	92,107	1/2	82,726	1/2	73,299	1/2	63,872	1/2	54,446	1/2	45,019	1/2	35,592
3/4		3/4		3/4	98,567	3/4	91,912	3/4	82,530	3/4	73,103	3/4	63,676	3/4	54,249	3/4	44,823	3/4	35,396
1		1		1	98,535	1	91,717	1	82,333	1	72,906	1	63,480	1	54,053	1	44,626	1	35,200
1/4		1/4		1/4	98,502	1/4	91,522	1/4	82,137	1/4	72,710	1/4	63,283	1/4	53,857	1/4	44,430	1/4	35,003
1/2		1/2		1/2	98,470	1/2	91,326	1/2	81,940	1/2	72,514	1/2	63,087	1/2	53,660	1/2	44,233	1/2	34,807
3/4		3/4		3/4	98,428	3/4	91,131	3/4	81,744	3/4	72,317	3/4	62,891	3/4	53,464	3/4	44,037	3/4	34,610
2		2		2	98,387	2	90,936	2	81,548	2	72,121	2	62,694	2	53,267	2	43,841	2	34,414
1/4		1/4		1/4	98,345	1/4	90,741	1/4	81,351	1/4	71,924	1/4	62,498	1/4	53,071	1/4	43,644	1/4	34,218
1/2		1/2		1/2	98,304	1/2	90,546	1/2	81,155	1/2	71,728	1/2	62,301	1/2	52,875	1/2	43,448	1/2	34,021
3/4		3/4		3/4	98,242	3/4	90,351	3/4	80,958	3/4	71,532	3/4	62,105	3/4	52,678	3/4	43,252	3/4	33,825
3		3		3	98,180	3	90,155	3	80,762	3	71,335	3	61,909	3	52,482	3	43,055	3	33,628
1/4		1/4		1/4	98,118	1/4	89,960	1/4	80,566	1/4	71,139	1/4	61,712	1/4	52,285	1/4	42,859	1/4	33,432
1/2		1/2		1/2	98,057	1/2	89,765	1/2	80,369	1/2	70,943	1/2	61,516	1/2	52,089	1/2	42,662	1/2	33,236
3/4		3/4		3/4	97,967	3/4	89,570	3/4	80,173	3/4	70,746	3/4	61,319	3/4	51,893	3/4	42,466	3/4	33,039
4		4		4	97,877	4	89,375	4	79,976	4	70,550	4	61,123	4	51,696	4	42,270	4	32,843
1/4		1/4		1/4	97,788	1/4	89,180	1/4	79,780	1/4	70,353	1/4	60,927	1/4	51,500	1/4	42,073	1/4	32,646
1/2		1/2	98,962	1/2	97,698	1/2	88,984	1/2	79,584	1/2	70,157	1/2	60,730	1/2	51,304	1/2	41,877	1/2	32,450
3/4		3/4	98,961	3/4	97,582	3/4	88,789	3/4	79,387	3/4	69,961	3/4	60,534	3/4	51,107	3/4	41,680	3/4	32,254
5		5	98,960	5	97,465	5	88,594	5	79,191	5	69,764	5	60,337	5	50,911	5	41,484	5	32,057
1/4		1/4	98,960	1/4	97,349	1/4	88,399	1/4	78,994	1/4	69,568	1/4	60,141	1/4	50,714	1/4	41,288	1/4	31,861
1/2		1/2	98,959	1/2	97,233	1/2	88,204	1/2	78,798	1/2	69,371	1/2	59,945	1/2	50,518	1/2	41,091	1/2	31,665
3/4		3/4	98,957	3/4	97,090	3/4	88,009	3/4	78,602	3/4	69,175	3/4	59,748	3/4	50,322	3/4	40,895	3/4	31,468
6		6	98,955	6	96,948	6	87,813	6	78,405	6	68,979	6	59,552	6	50,125	6	40,698	6	31,272
1/4		1/4	98,953	1/4	96,805	1/4	87,618	1/4	78,209	1/4	68,782	1/4	59,356	1/4	49,929	1/4	40,502	1/4	31,075
1/2		1/2	98,951	1/2	96,663	1/2	87,423	1/2	78,013	1/2	68,586	1/2	59,159	1/2	49,732	1/2	40,306	1/2	30,879
3/4		3/4	98,947	3/4	96,494	3/4	87,228	3/4	77,816	3/4	68,389	3/4	58,963	3/4	49,536	3/4	40,109	3/4	30,683
7		7	98,943	7	96,325	7	87,033	7	77,620	7	68,193	7	58,766	7	49,340	7	39,913	7	30,486
1/4		1/4	98,939	1/4	96,155	1/4	86,838	1/4	77,423	1/4	67,997	1/4	58,570	1/4	49,143	1/4	39,717	1/4	30,290
1/2		1/2	98,935	1/2	95,986	1/2	86,642	1/2	77,227	1/2	67,800	1/2	58,374	1/2	48,947	1/2	39,520	1/2	30,093
3/4		3/4	98,927	3/4	95,797	3/4	86,447	3/4	77,031	3/4	67,604	3/4	58,177	3/4	48,750	3/4	39,324	3/4	29,897
8		8	98,920	8	95,608	8	86,252	8	76,834	8	67,407	8	57,981	8	48,554	8	39,127	8	29,701
1/4		1/4	98,912	1/4	95,419	1/4	86,057	1/4	76,638	1/4	67,211	1/4	57,784	1/4	48,358	1/4	38,931	1/4	29,504
1/2		1/2	98,905	1/2	95,230	1/2	85,862	1/2	76,441	1/2	67,015	1/2	57,588	1/2	48,161	1/2	38,735	1/2	29,308
3/4		3/4	98,894	3/4	95,035	3/4	85,666	3/4	76,245	3/4	66,818	3/4	57,392	3/4	47,965	3/4	38,538	3/4	29,111
9		9	98,882	9	94,839	9	85,471	9	76,049	9	66,622	9	57,195	9	47,768	9	38,342	9	28,915
1/4		1/4	98,871	1/4	94,644	1/4	85,276	1/4	75,852	1/4	66,426	1/4	56,999	1/4	47,572	1/4	38,145	1/4	28,719
1/2		1/2	98,860	1/2	94,449	1/2	85,081	1/2	75,656	1/2	66,229	1/2	56,802	1/2	47,376	1/2	37,949	1/2	28,522
3/4		3/4	98,843	3/4	94,254	3/4	84,885	3/4	75,459	3/4	66,033	3/4	56,606	3/4	47,179	3/4	37,753	3/4	28,326
10		10	98,827	10	94,059	10	84,689	10	75,263	10	65,836	10	56,410	10	46,983	10	37,556	10	28,129
1/4		1/4	98,811	1/4	93,864	1/4	84,493	1/4	75,067	1/4	65,640	1/4	56,213	1/4	46,787	1/4	37,360	1/4	27,933
1/2		1/2	98,794	1/2	93,668	1/2	84,297	1/2	74,870	1/2	65,444	1/2	56,017	1/2	46,590	1/2	37,163	1/2	27,737
3/4		3/4	98,773	3/4	93,473	3/4	84,101	3/4	74,674	3/4	65,247	3/4	55,820	3/4	46,394	3/4	36,967	3/4	27,540
11		11	98,751	11	93,278	11	83,904	11	74,478	11	65,051	11	55,624	11	46,197	11	36,771	11	27,344
1/4		1/4	98,729	1/4	93,083	1/4	83,708	1/4	74,281	1/4	64,854	1/4	55,428	1/4	46,001	1/4	36,574	1/4	27,148
1/2		1/2	98,708	1/2	92,888	1/2	83,511	1/2	74,085	1/2	64,658	1/2	55,231	1/2	45,805	1/2	36,378	1/2	26,951
3/4		3/4	98,681	3/4	92,693	3/4	83,315	3/4	73,888	3/4	64,462	3/4	55,035	3/4	45,608	3/4	36,181	3/4	26,755

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/16" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

SAYBOLT INC.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
1 PORT
ULLAGE TABLE
GAUGE HEIGHT 12'-11 1/2"

GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.
0	26,558	0	17,171	0	8,051
1/4	26,362	1/4	16,977	1/4	7,869
1/2	26,166	1/2	16,783	1/2	7,687
3/4	25,969	3/4	16,589	3/4	7,506
1	25,773	1	16,395	1	7,325
1/4	25,576	1/4	16,201	1/4	7,144
1/2	25,380	1/2	16,007	1/2	6,964
3/4	25,184	3/4	15,813	3/4	6,785
2	24,987	2	15,619	2	6,605
1/4	24,791	1/4	15,425	1/4	6,426
1/2	24,594	1/2	15,231	1/2	6,247
3/4	24,398	3/4	15,038	3/4	6,069
3	24,202	3	14,845	3	5,892
1/4	24,005	1/4	14,651	1/4	5,714
1/2	23,809	1/2	14,458	1/2	5,537
3/4	23,613	3/4	14,266	3/4	5,361
4	23,416	4	14,073	4	5,185
1/4	23,220	1/4	13,881	1/4	5,009
1/2	23,023	1/2	13,688	1/2	4,833
3/4	22,827	3/4	13,497	3/4	4,659
5	22,631	5	13,306	5	4,485
1/4	22,434	1/4	13,115	1/4	4,311
1/2	22,238	1/2	12,923	1/2	4,137
3/4	22,042	3/4	12,732	3/4	3,966
6	21,846	6	12,542	6	3,795
1/4	21,650	1/4	12,351	1/4	3,624
1/2	21,454	1/2	12,160	1/2	3,453
3/4	21,259	3/4	11,970	3/4	3,286
7	21,063	7	11,779	7	3,119
1/4	20,868	1/4	11,589	1/4	2,952
1/2	20,673	1/2	11,398	1/2	2,786
3/4	20,478	3/4	11,210	3/4	2,624
8	20,283	8	11,021	8	2,462
1/4	20,088	1/4	10,832	1/4	2,300
1/2	19,892	1/2	10,643	1/2	2,139
3/4	19,698	3/4	10,456	3/4	1,983
9	19,503	9	10,269	9	1,828
1/4	19,308	1/4	10,082	1/4	1,672
1/2	19,114	1/2	9,894	1/2	1,517
3/4	18,919	3/4	9,709	3/4	1,375
10	18,725	10	9,523	10	1,233
1/4	18,530	1/4	9,338	1/4	1,091
1/2	18,336	1/2	9,152	1/2	950
3/4	18,142	3/4	8,968	3/4	838
11	17,948	11	8,784	11	726
1/4	17,754	1/4	8,600	1/4	615
1/2	17,560	1/2	8,416	1/2	503
3/4	17,365	3/4	8,234		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/16" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
1 STARBOARD
ULLAGE TABLE
GAUGE HEIGHT 12'-11 1/2"

GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	98,326	0	92,194	0	82,853	0	73,463	0	64,074	0	54,685	0	45,296	0	35,906
1/4		1/4		1/4	98,299	1/4	91,999	1/4	82,657	1/4	73,268	1/4	63,878	1/4	54,489	1/4	45,100	1/4	35,711
1/2		1/2		1/2	98,272	1/2	91,806	1/2	82,461	1/2	73,072	1/2	63,683	1/2	54,294	1/2	44,904	1/2	35,515
3/4		3/4		3/4	98,239	3/4	91,611	3/4	82,266	3/4	72,877	3/4	63,487	3/4	54,098	3/4	44,709	3/4	35,319
1		1		1	98,207	1	91,416	1	82,070	1	72,681	1	63,292	1	53,902	1	44,513	1	35,124
1/4		1/4		1/4	98,175	1/4	91,222	1/4	81,875	1/4	72,485	1/4	63,096	1/4	53,707	1/4	44,317	1/4	34,928
1/2		1/2		1/2	98,142	1/2	91,027	1/2	81,679	1/2	72,290	1/2	62,900	1/2	53,511	1/2	44,122	1/2	34,733
3/4		3/4		3/4	98,101	3/4	90,833	3/4	81,483	3/4	72,094	3/4	62,705	3/4	53,316	3/4	43,926	3/4	34,537
2		2		2	98,060	2	90,639	2	81,288	2	71,898	2	62,509	2	53,120	2	43,731	2	34,341
1/4		1/4		1/4	98,018	1/4	90,444	1/4	81,092	1/4	71,703	1/4	62,314	1/4	52,924	1/4	43,535	1/4	34,146
1/2		1/2		1/2	97,977	1/2	90,250	1/2	80,897	1/2	71,507	1/2	62,118	1/2	52,729	1/2	43,339	1/2	33,950
3/4		3/4		3/4	97,916	3/4	90,056	3/4	80,701	3/4	71,312	3/4	61,922	3/4	52,533	3/4	43,144	3/4	33,755
3		3		3	97,854	3	89,861	3	80,505	3	71,116	3	61,727	3	52,337	3	42,948	3	33,559
1/4		1/4		1/4	97,792	1/4	89,667	1/4	80,310	1/4	70,920	1/4	61,531	1/4	52,142	1/4	42,753	1/4	33,363
1/2		1/2		1/2	97,731	1/2	89,472	1/2	80,114	1/2	70,725	1/2	61,335	1/2	51,946	1/2	42,557	1/2	33,168
3/4		3/4		3/4	97,642	3/4	89,278	3/4	79,918	3/4	70,529	3/4	61,140	3/4	51,751	3/4	42,361	3/4	32,972
4		4		4	97,552	4	89,084	4	79,723	4	70,334	4	60,944	4	51,555	4	42,166	4	32,776
1/4		1/4		1/4	97,463	1/4	88,889	1/4	79,527	1/4	70,138	1/4	60,749	1/4	51,359	1/4	41,970	1/4	32,581
1/2		1/2		1/2	98,632	1/2	88,695	1/2	79,332	1/2	69,942	1/2	60,553	1/2	51,164	1/2	41,775	1/2	32,385
3/4		3/4		3/4	98,632	3/4	88,500	3/4	79,136	3/4	69,747	3/4	60,357	3/4	50,968	3/4	41,579	3/4	32,190
5		5		5	98,631	5	88,306	5	78,940	5	69,551	5	60,162	5	50,773	5	41,383	5	31,994
1/4		1/4		1/4	98,630	1/4	88,112	1/4	78,745	1/4	69,356	1/4	59,966	1/4	50,577	1/4	41,188	1/4	31,798
1/2		1/2		1/2	98,630	1/2	87,910	1/2	78,549	1/2	69,160	1/2	59,771	1/2	50,381	1/2	40,992	1/2	31,603
3/4		3/4		3/4	98,628	3/4	87,723	3/4	78,354	3/4	68,964	3/4	59,575	3/4	50,186	3/4	40,796	3/4	31,407
6		6		6	98,626	6	87,528	6	78,158	6	68,769	6	59,379	6	49,990	6	40,601	6	31,212
1/4		1/4		1/4	98,624	1/4	87,485	1/4	77,962	1/4	68,573	1/4	59,184	1/4	49,795	1/4	40,405	1/4	31,016
1/2		1/2		1/2	98,622	1/2	87,343	1/2	77,767	1/2	68,377	1/2	58,988	1/2	49,599	1/2	40,210	1/2	30,820
3/4		3/4		3/4	98,618	3/4	86,945	3/4	77,571	3/4	68,182	3/4	58,793	3/4	49,403	3/4	40,014	3/4	30,625
7		7		7	98,614	7	86,751	7	77,376	7	67,986	7	58,597	7	49,208	7	39,818	7	30,429
1/4		1/4		1/4	98,609	1/4	86,537	1/4	77,180	1/4	67,791	1/4	58,401	1/4	49,012	1/4	39,623	1/4	30,234
1/2		1/2		1/2	98,605	1/2	86,362	1/2	76,984	1/2	67,595	1/2	58,206	1/2	48,816	1/2	39,427	1/2	30,038
3/4		3/4		3/4	98,598	3/4	86,168	3/4	76,789	3/4	67,399	3/4	58,010	3/4	48,621	3/4	39,232	3/4	29,842
8		8		8	98,591	8	85,973	8	76,593	8	67,204	8	57,815	8	48,425	8	39,036	8	29,647
1/4		1/4		1/4	98,583	1/4	85,779	1/4	76,397	1/4	67,008	1/4	57,619	1/4	48,230	1/4	38,840	1/4	29,451
1/2		1/2		1/2	98,576	1/2	85,585	1/2	76,202	1/2	66,813	1/2	57,423	1/2	48,034	1/2	38,645	1/2	29,255
3/4		3/4		3/4	98,565	3/4	85,390	3/4	76,006	3/4	66,617	3/4	57,228	3/4	47,838	3/4	38,449	3/4	29,060
9		9		9	98,553	9	85,196	9	75,811	9	66,421	9	57,032	9	47,643	9	38,254	9	28,864
1/4		1/4		1/4	98,542	1/4	85,001	1/4	75,615	1/4	66,226	1/4	56,836	1/4	47,447	1/4	38,058	1/4	28,669
1/2		1/2		1/2	98,531	1/2	84,807	1/2	75,419	1/2	66,030	1/2	56,641	1/2	47,252	1/2	37,862	1/2	28,473
3/4		3/4		3/4	98,514	3/4	84,612	3/4	75,224	3/4	65,835	3/4	56,445	3/4	47,056	3/4	37,667	3/4	28,277
10		10		10	98,498	10	84,417	10	75,028	10	65,639	10	56,250	10	46,860	10	37,471	10	28,082
1/4		1/4		1/4	98,482	1/4	84,221	1/4	74,833	1/4	65,443	1/4	56,054	1/4	46,665	1/4	37,275	1/4	27,886
1/2		1/2		1/2	98,466	1/2	84,026	1/2	74,637	1/2	65,248	1/2	55,858	1/2	46,469	1/2	37,080	1/2	27,691
3/4		3/4		3/4	98,444	3/4	83,166	3/4	74,441	3/4	65,052	3/4	55,663	3/4	46,274	3/4	36,884	3/4	27,495
11		11		11	98,423	11	82,971	11	74,246	11	64,857	11	55,467	11	46,078	11	36,689	11	27,299
1/4		1/4		1/4	98,401	1/4	82,777	1/4	74,050	1/4	64,661	1/4	55,272	1/4	45,882	1/4	36,493	1/4	27,104
1/2		1/2		1/2	98,379	1/2	82,583	1/2	73,855	1/2	64,465	1/2	55,076	1/2	45,687	1/2	36,297	1/2	26,908
3/4		3/4		3/4	98,352	3/4	82,388	3/4	73,659	3/4	64,270	3/4	54,880	3/4	45,491	3/4	36,102	3/4	26,713

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/16" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
1 STARBOARD
ULLAGE TABLE

GAUGE HEIGHT 12'-11 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.
0	26,517	0	17,137	0	8,019
1/4	26,321	1/4	16,942	1/4	7,838
1/2	26,126	1/2	16,747	1/2	7,656
3/4	25,930	3/4	16,553	3/4	7,476
1	25,734	1	16,358	1	7,296
1/4	25,539	1/4	16,163	1/4	7,116
1/2	25,343	1/2	15,968	1/2	6,936
3/4	25,148	3/4	15,774	3/4	6,757
2	24,952	2	15,579	2	6,579
1/4	24,756	1/4	15,385	1/4	6,401
1/2	24,561	1/2	15,190	1/2	6,222
3/4	24,365	3/4	14,996	3/4	6,045
3	24,170	3	14,802	3	5,868
1/4	23,974	1/4	14,608	1/4	5,692
1/2	23,778	1/2	14,414	1/2	5,515
3/4	23,583	3/4	14,221	3/4	5,339
4	23,387	4	14,028	4	5,164
1/4	23,192	1/4	13,835	1/4	4,989
1/2	22,996	1/2	13,642	1/2	4,814
3/4	22,800	3/4	13,450	3/4	4,641
5	22,605	5	13,258	5	4,467
1/4	22,409	1/4	13,066	1/4	4,294
1/2	22,214	1/2	12,875	1/2	4,121
3/4	22,018	3/4	12,684	3/4	3,950
6	21,822	6	12,493	6	3,780
1/4	21,627	1/4	12,302	1/4	3,610
1/2	21,431	1/2	12,111	1/2	3,439
3/4	21,235	3/4	11,922	3/4	3,273
7	21,040	7	11,732	7	3,107
1/4	20,844	1/4	11,543	1/4	2,941
1/2	20,649	1/2	11,353	1/2	2,774
3/4	20,453	3/4	11,165	3/4	2,613
8	20,258	8	10,977	8	2,452
1/4	20,062	1/4	10,789	1/4	2,291
1/2	19,867	1/2	10,601	1/2	2,130
3/4	19,671	3/4	10,414	3/4	1,975
9	19,476	9	10,228	9	1,820
1/4	19,281	1/4	10,041	1/4	1,666
1/2	19,085	1/2	9,855	1/2	1,511
3/4	18,890	3/4	9,670	3/4	1,369
10	18,695	10	9,485	10	1,228
1/4	18,500	1/4	9,300	1/4	1,087
1/2	18,305	1/2	9,116	1/2	946
3/4	18,110	3/4	8,932	3/4	835
11	17,916	11	8,749	11	723
1/4	17,721	1/4	8,566	1/4	612
1/2	17,526	1/2	8,383	1/2	501
3/4	17,331	3/4	8,201		

GAUGE LOCATED 28'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/16" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

2 PORT ULLAGE TABLE

GAUGE HEIGHT 12'-11 7/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	92,927	0	83,667	0	74,355	0	65,043	0	55,731	0	46,419	0	37,107
1/4	1/4	1/4		1/4		1/4	92,734	1/4	83,473	1/4	74,161	1/4	64,849	1/4	55,537	1/4	46,225	1/4	36,913
1/2	1/2	1/2		1/2		1/2	92,541	1/2	83,279	1/2	73,967	1/2	64,655	1/2	55,343	1/2	46,031	1/2	36,719
3/4	3/4	3/4		3/4		3/4	92,349	3/4	83,085	3/4	73,773	3/4	64,461	3/4	55,149	3/4	45,837	3/4	36,525
1		1		1		1	92,156	1	82,891	1	73,579	1	64,267	1	54,955	1	45,643	1	36,331
1/4	1/4	1/4		1/4		1/4	91,963	1/4	82,697	1/4	73,385	1/4	64,073	1/4	54,761	1/4	45,449	1/4	36,137
1/2	1/2	1/2		1/2		1/2	91,770	1/2	82,503	1/2	73,191	1/2	63,879	1/2	54,567	1/2	45,255	1/2	35,943
3/4	3/4	3/4		3/4		3/4	91,577	3/4	82,309	3/4	72,997	3/4	63,685	3/4	54,373	3/4	45,061	3/4	35,749
2		2		2		2	91,385	2	82,115	2	72,803	2	63,491	2	54,179	2	44,867	2	35,555
1/4	1/4	1/4		1/4		1/4	91,192	1/4	81,921	1/4	72,609	1/4	63,297	1/4	53,985	1/4	44,673	1/4	35,361
1/2	1/2	1/2		1/2		1/2	90,999	1/2	81,727	1/2	72,415	1/2	63,103	1/2	53,791	1/2	44,479	1/2	35,167
3/4	3/4	3/4		3/4		3/4	97,935	3/4	90,806	3/4	81,533	3/4	72,221	3/4	62,909	3/4	53,597	3/4	44,285
3		3		3		3	97,910	3	90,814	3	81,339	3	72,027	3	62,715	3	53,403	3	44,091
1/4	1/4	1/4		1/4		1/4	97,884	1/4	90,421	1/4	81,145	1/4	71,833	1/4	62,521	1/4	53,209	1/4	43,897
1/2	1/2	1/2		1/2		1/2	97,858	1/2	90,228	1/2	80,951	1/2	71,639	1/2	62,327	1/2	53,015	1/2	43,703
3/4	3/4	3/4		3/4		3/4	97,832	3/4	90,035	3/4	80,757	3/4	71,445	3/4	62,133	3/4	52,821	3/4	43,509
4		4		4		4	97,776	4	89,842	4	80,563	4	71,251	4	61,939	4	52,627	4	43,315
1/4	1/4	1/4		1/4		1/4	97,720	1/4	89,650	1/4	80,369	1/4	71,057	1/4	61,745	1/4	52,433	1/4	43,121
1/2	1/2	1/2		1/2		1/2	97,664	1/2	89,457	1/2	80,175	1/2	70,863	1/2	61,551	1/2	52,239	1/2	42,927
3/4	3/4	3/4		3/4		3/4	97,608	3/4	89,264	3/4	79,981	3/4	70,669	3/4	61,357	3/4	52,045	3/4	42,733
5		5		5		5	97,520	5	89,071	5	79,787	5	70,475	5	61,163	5	51,851	5	42,539
1/4	1/4	1/4		1/4		1/4	97,432	1/4	88,879	1/4	79,593	1/4	70,281	1/4	60,969	1/4	51,657	1/4	42,345
1/2	1/2	1/2		1/2		1/2	97,343	1/2	88,686	1/2	79,399	1/2	70,087	1/2	60,775	1/2	51,463	1/2	42,151
3/4	3/4	3/4		3/4		3/4	97,255	3/4	88,493	3/4	79,205	3/4	69,893	3/4	60,581	3/4	51,269	3/4	41,957
6		6		6		6	97,134	6	88,300	6	79,011	6	69,699	6	60,387	6	51,075	6	41,763
1/4	1/4	1/4		1/4		1/4	97,014	1/4	88,107	1/4	78,817	1/4	69,505	1/4	60,193	1/4	50,881	1/4	41,569
1/2	1/2	1/2		1/2		1/2	96,893	1/2	87,915	1/2	78,623	1/2	69,311	1/2	59,999	1/2	50,687	1/2	41,375
3/4	3/4	3/4		3/4		3/4	96,772	3/4	87,722	3/4	78,429	3/4	69,117	3/4	59,805	3/4	50,493	3/4	41,181
7		7		7		7	96,618	7	87,529	7	78,235	7	68,923	7	59,611	7	50,299	7	40,987
1/4	1/4	1/4		1/4		1/4	96,463	1/4	87,336	1/4	78,041	1/4	68,729	1/4	59,417	1/4	50,105	1/4	40,793
1/2	1/2	1/2		1/2		1/2	96,309	1/2	87,144	1/2	77,847	1/2	68,535	1/2	59,223	1/2	49,911	1/2	40,599
3/4	3/4	3/4		3/4		3/4	96,154	3/4	86,951	3/4	77,653	3/4	68,341	3/4	59,029	3/4	49,717	3/4	40,405
8		8		8		8	95,973	8	86,758	8	77,459	8	68,147	8	58,835	8	49,523	8	40,211
1/4	1/4	1/4		1/4		1/4	95,792	1/4	86,565	1/4	77,265	1/4	67,953	1/4	58,641	1/4	49,329	1/4	40,017
1/2	1/2	1/2		1/2		1/2	95,610	1/2	86,372	1/2	77,071	1/2	67,759	1/2	58,447	1/2	49,135	1/2	39,823
3/4	3/4	3/4		3/4		3/4	95,429	3/4	86,180	3/4	76,877	3/4	67,565	3/4	58,253	3/4	48,941	3/4	39,629
9		9		9		9	95,237	9	85,987	9	76,683	9	67,371	9	58,059	9	48,747	9	39,435
1/4	1/4	1/4		1/4		1/4	95,045	1/4	85,794	1/4	76,489	1/4	67,177	1/4	57,865	1/4	48,553	1/4	39,241
1/2	1/2	1/2		1/2		1/2	94,854	1/2	85,601	1/2	76,295	1/2	66,983	1/2	57,671	1/2	48,359	1/2	39,047
3/4	3/4	3/4		3/4		3/4	94,662	3/4	85,409	3/4	76,101	3/4	66,789	3/4	57,477	3/4	48,165	3/4	38,853
10		10		10		10	94,469	10	85,215	10	75,907	10	66,595	10	57,283	10	47,971	10	38,659
1/4	1/4	1/4		1/4		1/4	94,276	1/4	85,022	1/4	75,713	1/4	66,401	1/4	57,089	1/4	47,777	1/4	38,465
1/2	1/2	1/2		1/2		1/2	94,084	1/2	84,829	1/2	75,519	1/2	66,207	1/2	56,895	1/2	47,583	1/2	38,271
3/4	3/4	3/4		3/4		3/4	93,891	3/4	84,635	3/4	75,325	3/4	66,013	3/4	56,701	3/4	47,389	3/4	38,077
11		11		11		11	93,698	11	84,442	11	75,131	11	65,819	11	56,507	11	47,195	11	37,883
1/4	1/4	1/4		1/4		1/4	93,505	1/4	84,248	1/4	74,937	1/4	65,625	1/4	56,313	1/4	47,001	1/4	37,689
1/2	1/2	1/2		1/2		1/2	93,312	1/2	84,054	1/2	74,743	1/2	65,431	1/2	56,119	1/2	46,807	1/2	37,495
3/4	3/4	3/4		3/4		3/4	93,120	3/4	83,861	3/4	74,549	3/4	65,237	3/4	55,925	3/4	46,613	3/4	37,301

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

2 PORT ULLAGE TABLE

GAUGE HEIGHT 12'-11 7/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.
0	27,795	0	18,678	0	9,611
1/4	27,601	1/4	18,494	1/4	9,417
1/2	27,407	1/2	18,309	1/2	9,223
3/4	27,213	3/4	18,125	3/4	9,029
1	27,019	1	17,941	1	8,835
1/4	26,825	1/4	17,756	1/4	8,641
1/2	26,631	1/2	17,572	1/2	8,447
3/4	26,437	3/4	17,387	3/4	8,253
2	26,243	2	17,203	2	8,059
1/4	26,049	1/4	17,019	1/4	7,865
1/2	25,855	1/2	16,834	1/2	7,671
3/4	25,661	3/4	16,650	3/4	7,477
3	25,467	3	16,465	3	7,283
1/4	25,273	1/4	16,281	1/4	7,089
1/2	25,079	1/2	16,097	1/2	6,895
3/4	24,885	3/4	15,912	3/4	6,701
4	24,691	4	15,728	4	6,507
1/4	24,497	1/4	15,543	1/4	6,313
1/2	24,303	1/2	15,359	1/2	6,119
3/4	24,109	3/4	15,175	3/4	5,925
5	23,915	5	14,990	5	5,731
1/4	23,721	1/4	14,806	1/4	5,537
1/2	23,527	1/2	14,622	1/2	5,343
3/4	23,333	3/4	14,437	3/4	5,150
6	23,142	6	14,249	6	4,956
1/4	22,952	1/4	14,060	1/4	4,762
1/2	22,761	1/2	13,871	1/2	4,568
3/4	22,571	3/4	13,683	3/4	4,374
7	22,384	7	13,489	7	4,181
1/4	22,198	1/4	13,296	1/4	3,988
1/2	22,011	1/2	13,103	1/2	3,794
3/4	21,824	3/4	12,909	3/4	3,601
8	21,639	8	12,715	8	3,408
1/4	21,453	1/4	12,521	1/4	3,215
1/2	21,267	1/2	12,327	1/2	3,022
3/4	21,081	3/4	12,133	3/4	2,829
9	20,896	9	11,939	9	2,636
1/4	20,711	1/4	11,745	1/4	2,444
1/2	20,525	1/2	11,551	1/2	2,252
3/4	20,340	3/4	11,357	3/4	2,060
10	20,155	10	11,163	10	1,878
1/4	19,970	1/4	10,969	1/4	1,696
1/2	19,785	1/2	10,775	1/2	1,514
3/4	19,600	3/4	10,581	3/4	1,332
11	19,416	11	10,387	11	1,182
1/4	19,231	1/4	10,193	1/4	1,032
1/2	19,047	1/2	9,999	1/2	882
3/4	18,862	3/4	9,805	3/4	732
		7/8		7/8	660

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

PAGE 6 OF 20

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

2 STARBOARD

ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/4" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	93,592	0	84,334	0	75,025	0	65,716	0	56,407	0	47,098	0	37,789
1/4	1/4	1/4	1/4	1/4	1/4	1/4	93,399	1/4	84,140	1/4	74,831	1/4	65,522	1/4	56,213	1/4	46,904	1/4	37,595
1/2	1/2	1/2	1/2	1/2	1/2	1/2	93,206	1/2	83,947	1/2	74,637	1/2	65,328	1/2	56,019	1/2	46,710	1/2	37,401
3/4	3/4	3/4	3/4	3/4	3/4	3/4	93,014	3/4	83,753	3/4	74,443	3/4	65,134	3/4	55,825	3/4	46,516	3/4	37,207
1	1	1	1	1	1	1	92,821	1	83,559	1	74,250	1	64,940	1	55,631	1	46,322	1	37,013
1/4	1/4	1/4	1/4	1/4	1/4	1/4	92,628	1/4	83,365	1/4	74,056	1/4	64,746	1/4	55,437	1/4	46,128	1/4	36,819
1/2	1/2	1/2	1/2	1/2	1/2	1/2	92,435	1/2	83,171	1/2	73,862	1/2	64,553	1/2	55,243	1/2	45,934	1/2	36,625
3/4	3/4	3/4	3/4	3/4	3/4	3/4	92,243	3/4	82,977	3/4	73,668	3/4	64,359	3/4	55,049	3/4	45,740	3/4	36,431
2	2	2	2	2	2	2	92,050	2	82,783	2	73,474	2	64,165	2	54,856	2	45,546	2	36,237
1/4	1/4	1/4	1/4	1/4	1/4	1/4	91,857	1/4	82,589	1/4	73,280	1/4	63,971	1/4	54,662	1/4	45,352	1/4	36,043
1/2	1/2	1/2	1/2	1/2	1/2	1/2	91,665	1/2	82,395	1/2	73,086	1/2	63,777	1/2	54,468	1/2	45,159	1/2	35,849
3/4	3/4	3/4	3/4	3/4	3/4	3/4	91,472	3/4	82,201	3/4	72,892	3/4	63,583	3/4	54,274	3/4	44,965	3/4	35,655
3	3	3	3	3	3	3	91,279	3	82,007	3	72,698	3	63,389	3	54,080	3	44,771	3	35,462
1/4	1/4	1/4	1/4	1/4	1/4	1/4	91,086	1/4	81,813	1/4	72,504	1/4	63,195	1/4	53,886	1/4	44,577	1/4	35,268
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,894	1/2	81,619	1/2	72,310	1/2	63,001	1/2	53,692	1/2	44,383	1/2	35,074
3/4	3/4	3/4	3/4	3/4	3/4	3/4	90,701	3/4	81,425	3/4	72,116	3/4	62,807	3/4	53,498	3/4	44,189	3/4	34,880
4	4	4	4	4	4	4	90,508	4	81,231	4	71,922	4	62,613	4	53,304	4	43,995	4	34,686
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,316	1/4	81,037	1/4	71,728	1/4	62,419	1/4	53,110	1/4	43,801	1/4	34,492
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,123	1/2	80,843	1/2	71,534	1/2	62,225	1/2	52,916	1/2	43,607	1/2	34,298
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,930	3/4	80,650	3/4	71,340	3/4	62,031	3/4	52,722	3/4	43,413	3/4	34,104
5	5	5	5	5	5	5	89,737	5	80,456	5	71,146	5	61,837	5	52,528	5	43,219	5	33,910
1/4	1/4	1/4	1/4	1/4	1/4	1/4	89,545	1/4	80,262	1/4	70,953	1/4	61,643	1/4	52,334	1/4	43,025	1/4	33,716
1/2	1/2	1/2	1/2	1/2	1/2	1/2	89,352	1/2	80,068	1/2	70,759	1/2	61,449	1/2	52,140	1/2	42,831	1/2	33,522
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,159	3/4	79,874	3/4	70,565	3/4	61,256	3/4	51,946	3/4	42,637	3/4	33,328
6	6	6	6	6	6	6	88,967	6	79,680	6	70,371	6	61,062	6	51,752	6	42,443	6	33,134
1/4	1/4	1/4	1/4	1/4	1/4	1/4	88,774	1/4	79,486	1/4	70,177	1/4	60,868	1/4	51,559	1/4	42,249	1/4	32,940
1/2	1/2	1/2	1/2	1/2	1/2	1/2	88,581	1/2	79,292	1/2	69,983	1/2	60,674	1/2	51,365	1/2	42,055	1/2	32,746
3/4	3/4	3/4	3/4	3/4	3/4	3/4	88,388	3/4	79,098	3/4	69,789	3/4	60,480	3/4	51,171	3/4	41,862	3/4	32,552
7	7	7	7	7	7	7	88,196	7	78,904	7	69,595	7	60,286	7	50,977	7	41,668	7	32,358
1/4	1/4	1/4	1/4	1/4	1/4	1/4	88,003	1/4	78,710	1/4	69,401	1/4	60,092	1/4	50,783	1/4	41,474	1/4	32,165
1/2	1/2	1/2	1/2	1/2	1/2	1/2	87,810	1/2	78,516	1/2	69,207	1/2	59,898	1/2	50,589	1/2	41,280	1/2	31,971
3/4	3/4	3/4	3/4	3/4	3/4	3/4	87,617	3/4	78,322	3/4	69,013	3/4	59,704	3/4	50,395	3/4	41,086	3/4	31,777
8	8	8	8	8	8	8	87,425	8	78,128	8	68,819	8	59,510	8	50,201	8	40,892	8	31,583
1/4	1/4	1/4	1/4	1/4	1/4	1/4	87,232	1/4	77,934	1/4	68,625	1/4	59,316	1/4	50,007	1/4	40,698	1/4	31,389
1/2	1/2	1/2	1/2	1/2	1/2	1/2	87,039	1/2	77,740	1/2	68,431	1/2	59,122	1/2	49,813	1/2	40,504	1/2	31,195
3/4	3/4	3/4	3/4	3/4	3/4	3/4	86,847	3/4	77,547	3/4	68,237	3/4	58,928	3/4	49,619	3/4	40,310	3/4	31,001
9	9	9	9	9	9	9	86,654	9	77,353	9	68,043	9	58,734	9	49,425	9	40,116	9	30,807
1/4	1/4	1/4	1/4	1/4	1/4	1/4	86,461	1/4	77,159	1/4	67,850	1/4	58,540	1/4	49,231	1/4	39,922	1/4	30,613
1/2	1/2	1/2	1/2	1/2	1/2	1/2	86,268	1/2	76,965	1/2	67,656	1/2	58,346	1/2	49,037	1/2	39,728	1/2	30,419
3/4	3/4	3/4	3/4	3/4	3/4	3/4	86,076	3/4	76,771	3/4	67,462	3/4	58,153	3/4	48,843	3/4	39,534	3/4	30,225
10	10	10	10	10	10	10	85,883	10	76,577	10	67,268	10	57,959	10	48,649	10	39,340	10	30,031
1/4	1/4	1/4	1/4	1/4	1/4	1/4	85,690	1/4	76,383	1/4	67,074	1/4	57,765	1/4	48,456	1/4	39,146	1/4	29,837
1/2	1/2	1/2	1/2	1/2	1/2	1/2	85,497	1/2	76,189	1/2	66,880	1/2	57,571	1/2	48,262	1/2	38,952	1/2	29,643
3/4	3/4	3/4	3/4	3/4	3/4	3/4	85,303	3/4	75,995	3/4	66,686	3/4	57,377	3/4	48,068	3/4	38,759	3/4	29,449
11	11	11	11	11	11	11	85,110	11	75,801	11	66,492	11	57,183	11	47,874	11	38,565	11	29,255
1/4	1/4	1/4	1/4	1/4	1/4	1/4	84,916	1/4	75,607	1/4	66,298	1/4	56,989	1/4	47,680	1/4	38,371	1/4	29,062
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,722	1/2	75,413	1/2	66,104	1/2	56,795	1/2	47,486	1/2	38,177	1/2	28,868
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,528	3/4	75,219	3/4	65,910	3/4	56,601	3/4	47,292	3/4	37,983	3/4	28,674

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
2 STARBOARD
ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/4" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	28,480	0	19,178	0	9,899	0	805
1/4	28,286	1/4	18,985	1/4	9,705	1/4	660
1/2	28,092	1/2	18,792	1/2	9,512		
3/4	27,898	3/4	18,599	3/4	9,318		
1	27,704	1	18,407	1	9,124		
1/4	27,510	1/4	18,214	1/4	8,930		
1/2	27,316	1/2	18,021	1/2	8,736		
3/4	27,122	3/4	17,828	3/4	8,542		
2	26,928	2	17,635	2	8,348		
1/4	26,734	1/4	17,443	1/4	8,154		
1/2	26,540	1/2	17,250	1/2	7,960		
3/4	26,346	3/4	17,057	3/4	7,766		
3	26,152	3	16,864	3	7,572		
1/4	25,958	1/4	16,671	1/4	7,378		
1/2	25,765	1/2	16,479	1/2	7,184		
3/4	25,571	3/4	16,286	3/4	6,990		
4	25,377	4	16,093	4	6,796		
1/4	25,183	1/4	15,900	1/4	6,602		
1/2	24,989	1/2	15,707	1/2	6,408		
3/4	24,795	3/4	15,515	3/4	6,215		
5	24,601	5	15,322	5	6,021		
1/4	24,407	1/4	15,129	1/4	5,827		
1/2	24,213	1/2	14,936	1/2	5,633		
3/4	24,019	3/4	14,743	3/4	5,439		
6	23,825	6	14,551	6	5,245		
1/4	23,631	1/4	14,358	1/4	5,051		
1/2	23,437	1/2	14,164	1/2	4,857		
3/4	23,243	3/4	13,971	3/4	4,664		
7	23,049	7	13,778	7	4,470		
1/4	22,855	1/4	13,584	1/4	4,276		
1/2	22,661	1/2	13,390	1/2	4,083		
3/4	22,468	3/4	13,196	3/4	3,890		
8	22,274	8	13,002	8	3,696		
1/4	22,080	1/4	12,809	1/4	3,503		
1/2	21,886	1/2	12,615	1/2	3,310		
3/4	21,692	3/4	12,421	3/4	3,117		
9	21,498	9	12,227	9	2,924		
1/4	21,304	1/4	12,033	1/4	2,731		
1/2	21,111	1/2	11,839	1/2	2,539		
3/4	20,917	3/4	11,645	3/4	2,347		
10	20,723	10	11,451	10	2,155		
1/4	20,529	1/4	11,257	1/4	1,963		
1/2	20,336	1/2	11,063	1/2	1,783		
3/4	20,143	3/4	10,869	3/4	1,602		
11	19,950	11	10,675	11	1,422		
1/4	19,756	1/4	10,481	1/4	1,241		
1/2	19,563	1/2	10,287	1/2	1,096		
3/4	19,371	3/4	10,093	3/4	950		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

3 PORT

ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/4"

GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	93,237	0	83,977	0	74,665	0	65,353	0	56,041	0	46,729	0	37,417
1/4	1/4	1/4		1/4		1/4	93,044	1/4	83,783	1/4	74,471	1/4	65,159	1/4	55,847	1/4	46,535	1/4	37,223
1/2	1/2	1/2		1/2		1/2	92,851	1/2	83,589	1/2	74,277	1/2	64,905	1/2	55,653	1/2	46,341	1/2	37,029
3/4	3/4	3/4		3/4		3/4	92,658	3/4	83,395	3/4	74,083	3/4	64,771	3/4	55,459	3/4	46,147	3/4	36,835
1		1		1		1	92,465	1	83,201	1	73,889	1	64,577	1	55,265	1	45,953	1	36,641
1/4	1/4	1/4		1/4		1/4	92,273	1/4	83,007	1/4	73,695	1/4	64,383	1/4	55,071	1/4	45,759	1/4	36,447
1/2	1/2	1/2		1/2		1/2	92,080	1/2	82,813	1/2	73,501	1/2	64,189	1/2	54,877	1/2	45,565	1/2	36,253
3/4	3/4	3/4		3/4		3/4	91,887	3/4	82,619	3/4	73,307	3/4	63,995	3/4	54,683	3/4	45,371	3/4	36,059
2		2		2		2	91,694	2	82,425	2	73,113	2	63,801	2	54,489	2	45,177	2	35,865
1/4	1/4	1/4		1/4		1/4	91,502	1/4	82,231	1/4	72,919	1/4	63,607	1/4	54,295	1/4	44,983	1/4	35,671
1/2	1/2	1/2		1/2		1/2	91,309	1/2	82,037	1/2	72,725	1/2	63,413	1/2	54,101	1/2	44,789	1/2	35,477
3/4	3/4	3/4		3/4		3/4	91,116	3/4	81,843	3/4	72,531	3/4	63,219	3/4	53,907	3/4	44,595	3/4	35,283
3		3		3		3	90,923	3	81,649	3	72,337	3	63,025	3	53,713	3	44,401	3	35,089
1/4	1/4	1/4		1/4		1/4	97,950	1/4	90,730	1/4	81,455	1/4	72,143	1/4	62,831	1/4	53,519	1/4	44,207
1/2	1/2	1/2		1/2		1/2	97,923	1/2	90,538	1/2	81,261	1/2	71,949	1/2	62,637	1/2	53,325	1/2	44,013
3/4	3/4	3/4		3/4		3/4	97,895	3/4	90,345	3/4	81,067	3/4	71,755	3/4	62,443	3/4	53,131	3/4	43,819
4		4		4		4	97,867	4	90,152	4	80,873	4	71,561	4	62,249	4	52,937	4	43,625
1/4	1/4	1/4		1/4		1/4	97,839	1/4	89,959	1/4	80,679	1/4	71,367	1/4	62,055	1/4	52,743	1/4	43,431
1/2	1/2	1/2		1/2		1/2	97,779	1/2	89,767	1/2	80,485	1/2	71,173	1/2	61,861	1/2	52,549	1/2	43,237
3/4	3/4	3/4		3/4		3/4	97,719	3/4	89,574	3/4	80,291	3/4	70,979	3/4	61,667	3/4	52,355	3/4	43,043
5		5		5		5	97,659	5	89,381	5	80,097	5	70,785	5	61,473	5	52,161	5	42,849
1/4	1/4	1/4		1/4		1/4	97,599	1/4	89,188	1/4	79,903	1/4	70,591	1/4	61,279	1/4	51,967	1/4	42,655
1/2	1/2	1/2		1/2		1/2	97,507	1/2	88,995	1/2	79,709	1/2	70,397	1/2	61,085	1/2	51,773	1/2	42,461
3/4	3/4	3/4		3/4		3/4	97,414	3/4	88,803	3/4	79,515	3/4	70,203	3/4	60,891	3/4	51,579	3/4	42,267
6		6		6		6	97,322	6	88,610	6	79,321	6	70,009	6	60,697	6	51,385	6	42,073
1/4	1/4	1/4		1/4		1/4	97,230	1/4	88,417	1/4	79,127	1/4	69,815	1/4	60,503	1/4	51,191	1/4	41,879
1/2	1/2	1/2		1/2		1/2	97,105	1/2	88,224	1/2	78,933	1/2	69,621	1/2	60,309	1/2	50,997	1/2	41,685
3/4	3/4	3/4		3/4		3/4	96,980	3/4	88,032	3/4	78,739	3/4	69,427	3/4	60,115	3/4	50,803	3/4	41,491
7		7		7		7	96,855	7	87,839	7	78,545	7	69,233	7	59,921	7	50,609	7	41,297
1/4	1/4	1/4		1/4		1/4	96,731	1/4	87,646	1/4	78,351	1/4	69,039	1/4	59,727	1/4	50,415	1/4	41,103
1/2	1/2	1/2		1/2		1/2	96,572	1/2	87,453	1/2	78,157	1/2	68,845	1/2	59,533	1/2	50,221	1/2	40,909
3/4	3/4	3/4		3/4		3/4	96,413	3/4	87,260	3/4	77,963	3/4	68,651	3/4	59,339	3/4	50,027	3/4	40,715
8		8		8		8	96,254	8	87,068	8	77,769	8	68,457	8	59,145	8	49,833	8	40,521
1/4	1/4	1/4		1/4		1/4	96,096	1/4	86,875	1/4	77,575	1/4	68,263	1/4	58,951	1/4	49,639	1/4	40,327
1/2	1/2	1/2		1/2		1/2	95,911	1/2	86,682	1/2	77,381	1/2	68,069	1/2	58,757	1/2	49,445	1/2	40,133
3/4	3/4	3/4		3/4		3/4	95,726	3/4	86,489	3/4	77,187	3/4	67,875	3/4	58,563	3/4	49,251	3/4	39,939
9		9		9		9	95,542	9	86,296	9	76,993	9	67,681	9	58,369	9	49,057	9	39,745
1/4	1/4	1/4		1/4		1/4	95,357	1/4	86,104	1/4	76,799	1/4	67,487	1/4	58,175	1/4	48,863	1/4	39,551
1/2	1/2	1/2		1/2		1/2	95,164	1/2	85,911	1/2	76,605	1/2	67,293	1/2	57,981	1/2	48,669	1/2	39,357
3/4	3/4	3/4		3/4		3/4	94,972	3/4	85,718	3/4	76,411	3/4	67,099	3/4	57,787	3/4	48,475	3/4	39,163
10		10		10		10	94,779	10	85,525	10	76,217	10	66,905	10	57,593	10	48,281	10	38,969
1/4	1/4	1/4		1/4		1/4	94,586	1/4	85,333	1/4	76,023	1/4	66,711	1/4	57,399	1/4	48,087	1/4	38,775
1/2	1/2	1/2		1/2		1/2	94,393	1/2	85,139	1/2	75,829	1/2	66,517	1/2	57,205	1/2	47,893	1/2	38,581
3/4	3/4	3/4		3/4		3/4	94,200	3/4	84,946	3/4	75,635	3/4	66,323	3/4	57,011	3/4	47,699	3/4	38,387
11		11		11		11	94,008	11	84,752	11	75,441	11	66,129	11	56,817	11	47,505	11	38,193
1/4	1/4	1/4		1/4		1/4	93,815	1/4	84,559	1/4	75,247	1/4	65,935	1/4	56,623	1/4	47,311	1/4	37,999
1/2	1/2	1/2		1/2		1/2	93,622	1/2	84,365	1/2	75,053	1/2	65,741	1/2	56,429	1/2	47,117	1/2	37,805
3/4	3/4	3/4		3/4		3/4	93,429	3/4	84,171	3/4	74,859	3/4	65,547	3/4	56,235	3/4	46,923	3/4	37,611

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
3 PORT
ULLAGE TABLE
GAUGE HEIGHT 13'-0 1/4" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	28,105	0	18,969	0	9,902	0	805
1/4	27,911	1/4	18,784	1/4	9,708	1/4	660
1/2	27,717	1/2	18,599	1/2	9,514		
3/4	27,523	3/4	18,414	3/4	9,320		
1	27,329	1	18,229	1	9,126		
1/4	27,135	1/4	18,044	1/4	8,932		
1/2	26,941	1/2	17,859	1/2	8,738		
3/4	26,747	3/4	17,674	3/4	8,544		
2	26,553	2	17,490	2	8,350		
1/4	26,359	1/4	17,305	1/4	8,156		
1/2	26,165	1/2	17,120	1/2	7,962		
3/4	25,971	3/4	16,935	3/4	7,768		
3	25,777	3	16,750	3	7,574		
1/4	25,583	1/4	16,565	1/4	7,380		
1/2	25,389	1/2	16,380	1/2	7,186		
3/4	25,195	3/4	16,195	3/4	6,992		
4	25,001	4	16,010	4	6,798		
1/4	24,807	1/4	15,825	1/4	6,604		
1/2	24,613	1/2	15,641	1/2	6,410		
3/4	24,419	3/4	15,456	3/4	6,216		
5	24,225	5	15,271	5	6,022		
1/4	24,031	1/4	15,086	1/4	5,828		
1/2	23,837	1/2	14,901	1/2	5,635		
3/4	23,643	3/4	14,716	3/4	5,441		
6	23,449	6	14,531	6	5,247		
1/4	23,255	1/4	14,346	1/4	5,053		
1/2	23,065	1/2	14,157	1/2	4,859		
3/4	22,875	3/4	13,967	3/4	4,665		
7	22,684	7	13,778	7	4,471		
1/4	22,494	1/4	13,588	1/4	4,278		
1/2	22,308	1/2	13,394	1/2	4,084		
3/4	22,122	3/4	13,200	3/4	3,891		
8	21,936	8	13,006	8	3,697		
1/4	21,750	1/4	12,812	1/4	3,504		
1/2	21,564	1/2	12,618	1/2	3,311		
3/4	21,378	3/4	12,424	3/4	3,118		
9	21,192	9	12,230	9	2,925		
1/4	21,006	1/4	12,036	1/4	2,732		
1/2	20,821	1/2	11,842	1/2	2,540		
3/4	20,635	3/4	11,648	3/4	2,348		
10	20,450	10	11,454	10	2,156		
1/4	20,264	1/4	11,260	1/4	1,964		
1/2	20,079	1/2	11,066	1/2	1,783		
3/4	19,894	3/4	10,872	3/4	1,603		
11	19,709	11	10,678	11	1,422		
1/4	19,523	1/4	10,484	1/4	1,241		
1/2	19,339	1/2	10,290	1/2	1,096		
3/4	19,154	3/4	10,096	3/4	951		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

3 STARBOARD

ULLAGE TABLE

GAUGE HEIGHT 13'-0 3/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	93,762	0	84,500	0	75,184	0	65,868	0	56,552	0	47,237	0	37,921
1/4		1/4		1/4		1/4	93,569	1/4	84,306	1/4	74,990	1/4	65,674	1/4	56,358	1/4	47,043	1/4	37,727
1/2		1/2		1/2		1/2	93,376	1/2	84,112	1/2	74,796	1/2	65,480	1/2	56,164	1/2	46,848	1/2	37,533
3/4		3/4		3/4		3/4	93,184	3/4	83,918	3/4	74,602	3/4	65,286	3/4	55,970	3/4	46,654	3/4	37,339
1		1		1		1	92,991	1	83,724	1	74,408	1	65,092	1	55,776	1	46,460	1	37,144
1/4		1/4		1/4		1/4	92,798	1/4	83,530	1/4	74,214	1/4	64,898	1/4	55,582	1/4	46,266	1/4	36,950
1/2		1/2		1/2		1/2	92,605	1/2	83,335	1/2	74,020	1/2	64,704	1/2	55,388	1/2	46,072	1/2	36,756
3/4		3/4		3/4		3/4	92,412	3/4	83,141	3/4	73,826	3/4	64,510	3/4	55,194	3/4	45,878	3/4	36,562
2		2		2		2	92,219	2	82,947	2	73,631	2	64,316	2	55,000	2	45,684	2	36,368
1/4		1/4		1/4		1/4	92,026	1/4	82,753	1/4	73,437	1/4	64,122	1/4	54,806	1/4	45,490	1/4	36,174
1/2		1/2		1/2		1/2	91,834	1/2	82,559	1/2	73,243	1/2	63,927	1/2	54,612	1/2	45,296	1/2	35,980
3/4		3/4		3/4		3/4	91,641	3/4	82,365	3/4	73,049	3/4	63,733	3/4	54,418	3/4	45,102	3/4	35,786
3		3		3		3	91,448	3	82,171	3	72,855	3	63,539	3	54,223	3	44,908	3	35,592
1/4		1/4		1/4		1/4	91,255	1/4	81,977	1/4	72,661	1/4	63,345	1/4	54,029	1/4	44,714	1/4	35,398
1/2		1/2		1/2		1/2	91,062	1/2	81,783	1/2	72,467	1/2	63,151	1/2	53,835	1/2	44,519	1/2	35,204
3/4		3/4		3/4		3/4	90,869	3/4	81,589	3/4	72,273	3/4	62,957	3/4	53,641	3/4	44,325	3/4	35,010
4		4		4		4	90,676	4	81,395	4	72,079	4	62,763	4	53,447	4	44,131	4	34,815
1/4		1/4		1/4		1/4	90,484	1/4	81,201	1/4	71,885	1/4	62,569	1/4	53,253	1/4	43,937	1/4	34,621
1/2		1/2		1/2		1/2	90,291	1/2	81,007	1/2	71,691	1/2	62,375	1/2	53,059	1/2	43,743	1/2	34,427
3/4		3/4		3/4		3/4	90,098	3/4	80,812	3/4	71,497	3/4	62,181	3/4	52,865	3/4	43,549	3/4	34,233
5		5		5		5	89,905	5	80,618	5	71,303	5	61,987	5	52,671	5	43,355	5	34,039
1/4		1/4		1/4		1/4	89,712	1/4	80,424	1/4	71,108	1/4	61,793	1/4	52,477	1/4	43,161	1/4	33,845
1/2		1/2		1/2		1/2	89,519	1/2	80,230	1/2	70,914	1/2	61,599	1/2	52,283	1/2	42,967	1/2	33,651
3/4		3/4		3/4		3/4	89,326	3/4	80,036	3/4	70,720	3/4	61,404	3/4	52,089	3/4	42,773	3/4	33,457
6		6		6		6	89,134	6	79,842	6	70,526	6	61,210	6	51,895	6	42,579	6	33,263
1/4		1/4		1/4		1/4	88,941	1/4	79,648	1/4	70,332	1/4	61,016	1/4	51,700	1/4	42,385	1/4	33,069
1/2		1/2		1/2		1/2	88,748	1/2	79,454	1/2	70,138	1/2	60,822	1/2	51,506	1/2	42,191	1/2	32,875
3/4		3/4		3/4		3/4	88,555	3/4	79,260	3/4	69,944	3/4	60,628	3/4	51,312	3/4	41,996	3/4	32,681
7		7		7		7	88,362	7	79,066	7	69,750	7	60,434	7	51,118	7	41,802	7	32,487
1/4		1/4		1/4		1/4	88,169	1/4	78,872	1/4	69,556	1/4	60,240	1/4	50,924	1/4	41,608	1/4	32,292
1/2		1/2		1/2		1/2	87,976	1/2	78,678	1/2	69,362	1/2	60,046	1/2	50,730	1/2	41,414	1/2	32,098
3/4		3/4		3/4		3/4	87,784	3/4	78,483	3/4	69,168	3/4	59,852	3/4	50,536	3/4	41,220	3/4	31,904
8		8		8		8	87,591	8	78,289	8	68,974	8	59,658	8	50,342	8	41,026	8	31,710
1/4		1/4		1/4		1/4	87,398	1/4	78,095	1/4	68,779	1/4	59,464	1/4	50,148	1/4	40,832	1/4	31,516
1/2		1/2		1/2		1/2	87,205	1/2	77,901	1/2	68,585	1/2	59,270	1/2	49,954	1/2	40,638	1/2	31,322
3/4		3/4		3/4		3/4	87,012	3/4	77,707	3/4	68,391	3/4	59,075	3/4	49,760	3/4	40,444	3/4	31,128
9		9		9		9	86,819	9	77,513	9	68,197	9	58,881	9	49,566	9	40,250	9	30,934
1/4		1/4		1/4		1/4	86,626	1/4	77,319	1/4	68,003	1/4	58,687	1/4	49,371	1/4	40,056	1/4	30,740
1/2		1/2		1/2		1/2	86,434	1/2	77,125	1/2	67,809	1/2	58,493	1/2	49,177	1/2	39,862	1/2	30,546
3/4		3/4		3/4		3/4	86,241	3/4	76,931	3/4	67,615	3/4	58,299	3/4	48,983	3/4	39,667	3/4	30,352
10		10		10		10	86,048	10	76,737	10	67,421	10	58,105	10	48,789	10	39,473	10	30,158
1/4		1/4		1/4		1/4	85,855	1/4	76,543	1/4	67,227	1/4	57,911	1/4	48,595	1/4	39,279	1/4	29,963
1/2		1/2		1/2		1/2	85,662	1/2	76,349	1/2	67,033	1/2	57,717	1/2	48,401	1/2	39,085	1/2	29,769
3/4		3/4		3/4		3/4	85,468	3/4	76,155	3/4	66,839	3/4	57,523	3/4	48,207	3/4	38,891	3/4	29,575
11		11		11		11	85,275	11	75,960	11	66,645	11	57,329	11	48,013	11	38,697	11	29,381
1/4		1/4		1/4		1/4	85,081	1/4	75,766	1/4	66,451	1/4	57,135	1/4	47,819	1/4	38,503	1/4	29,187
1/2		1/2		1/2		1/2	84,887	1/2	75,572	1/2	66,256	1/2	56,941	1/2	47,625	1/2	38,309	1/2	28,993
3/4		3/4		3/4		3/4	84,694	3/4	75,378	3/4	66,062	3/4	56,747	3/4	47,431	3/4	38,115	3/4	28,799

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

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BARGE AX-3202
3 STARBOARD
ULLAGE TABLE

GAUGE HEIGHT 13'-0 3/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	28,605	0	19,295	0	10,003	0	883
1/4	28,411	1/4	19,102	1/4	9,809	1/4	733
1/2	28,217	1/2	18,909	1/2	9,615	3/8	660
3/4	28,023	3/4	18,716	3/4	9,421		
1	27,829	1	18,522	1	9,227		
1/4	27,635	1/4	18,329	1/4	9,033		
1/2	27,440	1/2	18,136	1/2	8,839		
3/4	27,246	3/4	17,943	3/4	8,645		
2	27,052	2	17,750	2	8,451		
1/4	26,858	1/4	17,556	1/4	8,257		
1/2	26,664	1/2	17,363	1/2	8,063		
3/4	26,470	3/4	17,170	3/4	7,869		
3	26,276	3	16,977	3	7,674		
1/4	26,082	1/4	16,784	1/4	7,480		
1/2	25,888	1/2	16,590	1/2	7,286		
3/4	25,694	3/4	16,397	3/4	7,092		
4	25,500	4	16,204	4	6,898		
1/4	25,306	1/4	16,011	1/4	6,704		
1/2	25,111	1/2	15,817	1/2	6,510		
3/4	24,917	3/4	15,624	3/4	6,316		
5	24,723	5	15,431	5	6,122		
1/4	24,529	1/4	15,238	1/4	5,928		
1/2	24,335	1/2	15,045	1/2	5,734		
3/4	24,141	3/4	14,851	3/4	5,540		
6	23,947	6	14,658	6	5,346		
1/4	23,753	1/4	14,465	1/4	5,152		
1/2	23,559	1/2	14,271	1/2	4,958		
3/4	23,365	3/4	14,078	3/4	4,764		
7	23,171	7	13,884	7	4,570		
1/4	22,977	1/4	13,691	1/4	4,376		
1/2	22,783	1/2	13,497	1/2	4,183		
3/4	22,588	3/4	13,303	3/4	3,989		
8	22,394	8	13,109	8	3,796		
1/4	22,200	1/4	12,915	1/4	3,602		
1/2	22,006	1/2	12,721	1/2	3,409		
3/4	21,812	3/4	12,526	3/4	3,216		
9	21,618	9	12,332	9	3,023		
1/4	21,424	1/4	12,138	1/4	2,830		
1/2	21,231	1/2	11,944	1/2	2,637		
3/4	21,037	3/4	11,750	3/4	2,445		
10	20,843	10	11,556	10	2,253		
1/4	20,649	1/4	11,362	1/4	2,061		
1/2	20,456	1/2	11,168	1/2	1,878		
3/4	20,262	3/4	10,974	3/4	1,696		
11	20,068	11	10,780	11	1,514		
1/4	19,875	1/4	10,586	1/4	1,332		
1/2	19,682	1/2	10,392	1/2	1,182		
3/4	19,488	3/4	10,198	3/4	1,032		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/4" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	93,355	0	84,082	0	74,757	0	65,432	0	56,107	0	46,782	0	37,457
1/4	1/4	1/4	1/4	1/4	1/4	1/4	93,162	1/4	83,888	1/4	74,563	1/4	65,238	1/4	55,913	1/4	46,588	1/4	37,263
1/2	1/2	1/2	1/2	1/2	1/2	1/2	92,969	1/2	83,694	1/2	74,369	1/2	65,044	1/2	55,719	1/2	46,394	1/2	37,069
3/4	3/4	3/4	3/4	3/4	3/4	3/4	92,775	3/4	83,499	3/4	74,174	3/4	64,849	3/4	55,525	3/4	46,200	3/4	36,875
1	1	1	1	1	1	1	92,582	1	83,305	1	73,980	1	64,655	1	55,330	1	46,005	1	36,680
1/4	1/4	1/4	1/4	1/4	1/4	1/4	92,389	1/4	83,111	1/4	73,786	1/4	64,461	1/4	55,136	1/4	45,811	1/4	36,486
1/2	1/2	1/2	1/2	1/2	1/2	1/2	92,196	1/2	82,917	1/2	73,592	1/2	64,267	1/2	54,942	1/2	45,617	1/2	36,292
3/4	3/4	3/4	3/4	3/4	3/4	3/4	92,003	3/4	82,722	3/4	73,397	3/4	64,072	3/4	54,747	3/4	45,422	3/4	36,098
2	2	2	2	2	2	2	91,810	2	82,528	2	73,203	2	63,878	2	54,553	2	45,228	2	35,903
1/4	1/4	1/4	1/4	1/4	1/4	1/4	91,617	1/4	82,334	1/4	73,009	1/4	63,684	1/4	54,359	1/4	45,034	1/4	35,709
1/2	1/2	1/2	1/2	1/2	1/2	1/2	91,424	1/2	82,139	1/2	72,815	1/2	63,490	1/2	54,165	1/2	44,840	1/2	35,515
3/4	3/4	3/4	3/4	3/4	3/4	3/4	91,231	3/4	81,945	3/4	72,620	3/4	63,295	3/4	53,970	3/4	44,645	3/4	35,320
3	3	3	3	3	3	3	91,038	3	81,751	3	72,426	3	63,101	3	53,776	3	44,451	3	35,126
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,845	1/4	81,557	1/4	72,232	1/4	62,907	1/4	53,582	1/4	44,257	1/4	34,932
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,652	1/2	81,362	1/2	72,037	1/2	62,712	1/2	53,388	1/2	44,063	1/2	34,738
3/4	3/4	3/4	3/4	3/4	3/4	3/4	90,459	3/4	81,168	3/4	71,843	3/4	62,518	3/4	53,193	3/4	43,868	3/4	34,543
4	4	4	4	4	4	4	90,266	4	80,974	4	71,649	4	62,324	4	52,999	4	43,674	4	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
5	5	5	5	5	5	5	90,266	5	80,974	5	71,649	5	62,324	5	52,999	5	43,674	5	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
6	6	6	6	6	6	6	90,266	6	80,974	6	71,649	6	62,324	6	52,999	6	43,674	6	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
7	7	7	7	7	7	7	90,266	7	80,974	7	71,649	7	62,324	7	52,999	7	43,674	7	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
8	8	8	8	8	8	8	90,266	8	80,974	8	71,649	8	62,324	8	52,999	8	43,674	8	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
9	9	9	9	9	9	9	90,266	9	80,974	9	71,649	9	62,324	9	52,999	9	43,674	9	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
10	10	10	10	10	10	10	90,266	10	80,974	10	71,649	10	62,324	10	52,999	10	43,674	10	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
11	11	11	11	11	11	11	90,266	11	80,974	11	71,649	11	62,324	11	52,999	11	43,674	11	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766
12	12	12	12	12	12	12	90,266	12	80,974	12	71,649	12	62,324	12	52,999	12	43,674	12	34,349
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,073	1/4	80,780	1/4	71,455	1/4	62,130	1/4	52,805	1/4	43,480	1/4	34,155
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,004	1/2	80,585	1/2	71,260	1/2	61,935	1/2	52,610	1/2	43,285	1/2	33,961
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,880	3/4	80,391	3/4	71,066	3/4	61,741	3/4	52,416	3/4	43,091	3/4	33,766

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
**4 PORT
ULLAGE TABLE**
GAUGE HEIGHT 13'-0 1/4" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	28,132	0	18,987	0	9,916	0	806
1/4	27,938	1/4	18,802	1/4	9,722	1/4	661
1/2	27,744	1/2	18,618	1/2	9,528		
3/4	27,550	3/4	18,433	3/4	9,333		
1	27,355	1	18,248	1	9,139		
1 1/4	27,161	1 1/4	18,063	1 1/4	8,945		
1 1/2	26,967	1 1/2	17,878	1 1/2	8,751		
3/4	26,773	3/4	17,693	3/4	8,556		
2	26,578	2	17,508	2	8,362		
1 1/4	26,384	1 1/4	17,323	1 1/4	8,168		
1 1/2	26,190	1 1/2	17,139	1 1/2	7,973		
3/4	25,995	3/4	16,954	3/4	7,779		
3	25,801	3	16,769	3	7,585		
1 1/4	25,607	1 1/4	16,584	1 1/4	7,391		
1 1/2	25,413	1 1/2	16,399	1 1/2	7,196		
3/4	25,218	3/4	16,214	3/4	7,002		
4	25,024	4	16,029	4	6,808		
1 1/4	24,830	1 1/4	15,844	1 1/4	6,614		
1 1/2	24,636	1 1/2	15,660	1 1/2	6,419		
3/4	24,441	3/4	15,475	3/4	6,225		
5	24,247	5	15,290	5	6,031		
1 1/4	24,053	1 1/4	15,105	1 1/4	5,836		
1 1/2	23,859	1 1/2	14,920	1 1/2	5,642		
3/4	23,664	3/4	14,735	3/4	5,448		
6	23,470	6	14,550	6	5,254		
1 1/4	23,276	1 1/4	14,366	1 1/4	5,060		
1 1/2	23,085	1 1/2	14,176	1 1/2	4,866		
3/4	22,895	3/4	13,986	3/4	4,672		
7	22,705	7	13,797	7	4,478		
1 1/4	22,514	1 1/4	13,607	1 1/4	4,284		
1 1/2	22,328	1 1/2	13,413	1 1/2	4,090		
3/4	22,142	3/4	13,219	3/4	3,896		
8	21,955	8	13,024	8	3,702		
1 1/4	21,769	1 1/4	12,830	1 1/4	3,509		
1 1/2	21,583	1 1/2	12,636	1 1/2	3,315		
3/4	21,397	3/4	12,442	3/4	3,122		
9	21,211	9	12,247	9	2,929		
1 1/4	21,025	1 1/4	12,053	1 1/4	2,736		
1 1/2	20,840	1 1/2	11,859	1 1/2	2,543		
3/4	20,654	3/4	11,665	3/4	2,351		
10	20,468	10	11,470	10	2,159		
1 1/4	20,283	1 1/4	11,276	1 1/4	1,966		
1 1/2	20,098	1 1/2	11,082	1 1/2	1,786		
3/4	19,912	3/4	10,887	3/4	1,605		
11	19,727	11	10,693	11	1,424		
1 1/4	19,542	1 1/4	10,499	1 1/4	1,243		
1 1/2	19,357	1 1/2	10,305	1 1/2	1,097		
3/4	19,172	3/4	10,110	3/4	952		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
4 STARBOARD
ULLAGE TABLE
GAUGE HEIGHT 13'-0 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	93,818	0	84,560	0	75,248	0	65,936	0	56,624	0	47,312	0	38,000
1/4	1/4	1/4	1/4	1/4	1/4	1/4	93,625	1/4	84,366	1/4	75,054	1/4	65,742	1/4	56,430	1/4	47,118	1/4	37,806
1/2	1/2	1/2	1/2	1/2	1/2	1/2	93,433	1/2	84,172	1/2	74,860	1/2	65,548	1/2	56,236	1/2	46,924	1/2	37,612
3/4	3/4	3/4	3/4	3/4	3/4	3/4	93,240	3/4	83,978	3/4	74,666	3/4	65,354	3/4	56,042	3/4	46,730	3/4	37,418
1	1	1	1	1	1	1	93,047	1	83,784	1	74,472	1	65,160	1	55,848	1	46,536	1	37,224
1/4	1/4	1/4	1/4	1/4	1/4	1/4	92,854	1/4	83,590	1/4	74,278	1/4	64,966	1/4	55,654	1/4	46,342	1/4	37,030
1/2	1/2	1/2	1/2	1/2	1/2	1/2	92,662	1/2	83,396	1/2	74,084	1/2	64,772	1/2	55,460	1/2	46,148	1/2	36,836
3/4	3/4	3/4	3/4	3/4	3/4	3/4	92,469	3/4	83,202	3/4	73,890	3/4	64,578	3/4	55,266	3/4	45,954	3/4	36,642
2	2	2	2	2	2	2	92,276	2	83,008	2	73,696	2	64,384	2	55,072	2	45,760	2	36,448
1/4	1/4	1/4	1/4	1/4	1/4	1/4	92,083	1/4	82,814	1/4	73,502	1/4	64,190	1/4	54,878	1/4	45,566	1/4	36,254
1/2	1/2	1/2	1/2	1/2	1/2	1/2	91,890	1/2	82,620	1/2	73,308	1/2	63,996	1/2	54,684	1/2	45,372	1/2	36,060
3/4	3/4	3/4	3/4	3/4	3/4	3/4	91,698	3/4	82,426	3/4	73,114	3/4	63,802	3/4	54,490	3/4	45,178	3/4	35,866
3	3	3	3	3	3	3	91,505	3	82,232	3	72,920	3	63,608	3	54,296	3	44,984	3	35,672
1/4	1/4	1/4	1/4	1/4	1/4	1/4	91,312	1/4	82,038	1/4	72,726	1/4	63,414	1/4	54,102	1/4	44,790	1/4	35,478
1/2	1/2	1/2	1/2	1/2	1/2	1/2	91,119	1/2	81,844	1/2	72,532	1/2	63,220	1/2	53,908	1/2	44,596	1/2	35,284
3/4	3/4	3/4	3/4	3/4	3/4	3/4	90,927	3/4	81,650	3/4	72,338	3/4	63,026	3/4	53,714	3/4	44,402	3/4	35,090
4	4	4	4	4	4	4	90,734	4	81,456	4	72,144	4	62,832	4	53,520	4	44,208	4	34,896
1/4	1/4	1/4	1/4	1/4	1/4	1/4	90,541	1/4	81,262	1/4	71,950	1/4	62,638	1/4	53,326	1/4	44,014	1/4	34,702
1/2	1/2	1/2	1/2	1/2	1/2	1/2	90,348	1/2	81,068	1/2	71,756	1/2	62,444	1/2	53,132	1/2	43,820	1/2	34,508
3/4	3/4	3/4	3/4	3/4	3/4	3/4	90,155	3/4	80,874	3/4	71,562	3/4	62,250	3/4	52,938	3/4	43,626	3/4	34,314
5	5	5	5	5	5	5	89,963	5	80,680	5	71,368	5	62,056	5	52,744	5	43,432	5	34,120
1/4	1/4	1/4	1/4	1/4	1/4	1/4	89,770	1/4	80,486	1/4	71,174	1/4	61,862	1/4	52,550	1/4	43,238	1/4	33,926
1/2	1/2	1/2	1/2	1/2	1/2	1/2	89,577	1/2	80,292	1/2	70,980	1/2	61,668	1/2	52,356	1/2	43,044	1/2	33,732
3/4	3/4	3/4	3/4	3/4	3/4	3/4	89,384	3/4	80,098	3/4	70,786	3/4	61,474	3/4	52,162	3/4	42,850	3/4	33,538
6	6	6	6	6	6	6	89,192	6	79,904	6	70,592	6	61,280	6	51,968	6	42,656	6	33,344
1/4	1/4	1/4	1/4	1/4	1/4	1/4	88,999	1/4	79,710	1/4	70,398	1/4	61,086	1/4	51,774	1/4	42,462	1/4	33,150
1/2	1/2	1/2	1/2	1/2	1/2	1/2	88,806	1/2	79,516	1/2	70,204	1/2	60,892	1/2	51,580	1/2	42,268	1/2	32,956
3/4	3/4	3/4	3/4	3/4	3/4	3/4	88,613	3/4	79,322	3/4	70,010	3/4	60,698	3/4	51,386	3/4	42,074	3/4	32,762
7	7	7	7	7	7	7	88,420	7	79,128	7	69,816	7	60,504	7	51,192	7	41,880	7	32,568
1/4	1/4	1/4	1/4	1/4	1/4	1/4	88,228	1/4	78,934	1/4	69,622	1/4	60,310	1/4	50,998	1/4	41,686	1/4	32,374
1/2	1/2	1/2	1/2	1/2	1/2	1/2	88,035	1/2	78,740	1/2	69,428	1/2	60,116	1/2	50,804	1/2	41,492	1/2	32,180
3/4	3/4	3/4	3/4	3/4	3/4	3/4	87,842	3/4	78,546	3/4	69,234	3/4	59,922	3/4	50,610	3/4	41,298	3/4	31,986
8	8	8	8	8	8	8	87,649	8	78,352	8	69,040	8	59,728	8	50,416	8	41,104	8	31,792
1/4	1/4	1/4	1/4	1/4	1/4	1/4	87,456	1/4	78,158	1/4	68,846	1/4	59,534	1/4	50,222	1/4	40,910	1/4	31,598
1/2	1/2	1/2	1/2	1/2	1/2	1/2	87,264	1/2	77,964	1/2	68,652	1/2	59,340	1/2	50,028	1/2	40,716	1/2	31,404
3/4	3/4	3/4	3/4	3/4	3/4	3/4	87,071	3/4	77,770	3/4	68,458	3/4	59,146	3/4	49,834	3/4	40,522	3/4	31,210
9	9	9	9	9	9	9	86,878	9	77,576	9	68,264	9	58,952	9	49,640	9	40,328	9	31,016
1/4	1/4	1/4	1/4	1/4	1/4	1/4	86,685	1/4	77,382	1/4	68,070	1/4	58,758	1/4	49,446	1/4	40,134	1/4	30,822
1/2	1/2	1/2	1/2	1/2	1/2	1/2	86,493	1/2	77,188	1/2	67,876	1/2	58,564	1/2	49,252	1/2	39,940	1/2	30,628
3/4	3/4	3/4	3/4	3/4	3/4	3/4	86,300	3/4	76,994	3/4	67,682	3/4	58,370	3/4	49,058	3/4	39,746	3/4	30,434
10	10	10	10	10	10	10	86,107	10	76,800	10	67,488	10	58,176	10	48,864	10	39,552	10	30,240
1/4	1/4	1/4	1/4	1/4	1/4	1/4	85,914	1/4	76,606	1/4	67,294	1/4	57,982	1/4	48,670	1/4	39,358	1/4	30,046
1/2	1/2	1/2	1/2	1/2	1/2	1/2	85,721	1/2	76,412	1/2	67,100	1/2	57,788	1/2	48,476	1/2	39,164	1/2	29,852
3/4	3/4	3/4	3/4	3/4	3/4	3/4	85,528	3/4	76,218	3/4	66,906	3/4	57,594	3/4	48,282	3/4	38,970	3/4	29,658
11	11	11	11	11	11	11	85,335	11	76,024	11	66,712	11	57,400	11	48,088	11	38,776	11	29,464
1/4	1/4	1/4	1/4	1/4	1/4	1/4	85,141	1/4	75,830	1/4	66,518	1/4	57,206	1/4	47,894	1/4	38,582	1/4	29,270
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,948	1/2	75,636	1/2	66,324	1/2	57,012	1/2	47,700	1/2	38,388	1/2	29,076
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,754	3/4	75,442	3/4	66,130	3/4	56,818	3/4	47,506	3/4	38,194	3/4	28,882

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
4 STARBOARD
ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	28,688	0	19,381	0	10,096	0	951
1/4	28,494	1/4	19,188	1/4	9,902	1/4	805
1/2	28,300	1/2	18,995	1/2	9,708	1/2	660
3/4	28,106	3/4	18,802	3/4	9,514		
1	27,912	1	18,609	1	9,320		
1/4	27,718	1/4	18,416	1/4	9,126		
1/2	27,524	1/2	18,223	1/2	8,932		
3/4	27,330	3/4	18,030	3/4	8,738		
2	27,136	2	17,837	2	8,544		
1/4	26,942	1/4	17,644	1/4	8,350		
1/2	26,748	1/2	17,451	1/2	8,156		
3/4	26,554	3/4	17,258	3/4	7,962		
3	26,360	3	17,065	3	7,768		
1/4	26,166	1/4	16,872	1/4	7,574		
1/2	25,972	1/2	16,679	1/2	7,380		
3/4	25,778	3/4	16,486	3/4	7,186		
4	25,584	4	16,293	4	6,992		
1/4	25,390	1/4	16,100	1/4	6,798		
1/2	25,196	1/2	15,907	1/2	6,604		
3/4	25,002	3/4	15,714	3/4	6,410		
5	24,808	5	15,521	5	6,216		
1/4	24,614	1/4	15,328	1/4	6,022		
1/2	24,420	1/2	15,135	1/2	5,828		
3/4	24,226	3/4	14,942	3/4	5,635		
6	24,032	6	14,749	6	5,441		
1/4	23,838	1/4	14,556	1/4	5,247		
1/2	23,644	1/2	14,363	1/2	5,053		
3/4	23,450	3/4	14,169	3/4	4,859		
7	23,256	7	13,975	7	4,665		
1/4	23,062	1/4	13,782	1/4	4,471		
1/2	22,868	1/2	13,588	1/2	4,278		
3/4	22,674	3/4	13,394	3/4	4,084		
8	22,480	8	13,200	8	3,891		
1/4	22,286	1/4	13,006	1/4	3,697		
1/2	22,092	1/2	12,812	1/2	3,504		
3/4	21,898	3/4	12,618	3/4	3,311		
9	21,704	9	12,424	9	3,118		
1/4	21,510	1/4	12,230	1/4	2,925		
1/2	21,316	1/2	12,036	1/2	2,732		
3/4	21,122	3/4	11,842	3/4	2,540		
10	20,928	10	11,648	10	2,348		
1/4	20,735	1/4	11,454	1/4	2,156		
1/2	20,541	1/2	11,260	1/2	1,964		
3/4	20,347	3/4	11,066	3/4	1,783		
11	20,154	11	10,872	11	1,603		
1/4	19,961	1/4	10,678	1/4	1,422		
1/2	19,767	1/2	10,484	1/2	1,241		
3/4	19,574	3/4	10,290	3/4	1,096		

GAUGE LOCATED 26'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/32" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

GAUGE HEIGHT 13'-0 3/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	80,924	0	72,895	0	64,820	0	56,745	0	48,670	0	40,595	0	32,520
1/4	1/4	1/4	1/4	1/4	1/4	1/4	80,757	1/4	72,727	1/4	64,652	1/4	56,577	1/4	48,502	1/4	40,427	1/4	32,352
1/2	1/2	1/2	1/2	1/2	1/2	1/2	80,590	1/2	72,559	1/2	64,484	1/2	56,409	1/2	48,334	1/2	40,259	1/2	32,183
3/4	3/4	3/4	3/4	3/4	3/4	3/4	80,423	3/4	72,390	3/4	64,315	3/4	56,240	3/4	48,165	3/4	40,090	3/4	32,015
1	1	1	1	1	1	1	80,256	1	72,222	1	64,147	1	56,072	1	47,997	1	39,922	1	31,847
1/4	1/4	1/4	1/4	1/4	1/4	1/4	80,089	1/4	72,054	1/4	63,979	1/4	55,904	1/4	47,829	1/4	39,754	1/4	31,679
1/2	1/2	1/2	1/2	1/2	1/2	1/2	79,921	1/2	71,886	1/2	63,811	1/2	55,736	1/2	47,661	1/2	39,586	1/2	31,511
3/4	3/4	3/4	3/4	3/4	3/4	3/4	79,754	3/4	71,718	3/4	63,642	3/4	55,567	3/4	47,492	3/4	39,417	3/4	31,342
2	2	2	2	2	2	2	79,587	2	71,549	2	63,474	2	55,399	2	47,324	2	39,249	2	31,174
1/4	1/4	1/4	1/4	1/4	1/4	1/4	79,420	1/4	71,381	1/4	63,306	1/4	55,231	1/4	47,156	1/4	39,081	1/4	31,006
1/2	1/2	1/2	1/2	1/2	1/2	1/2	79,253	1/2	71,213	1/2	63,138	1/2	55,063	1/2	46,988	1/2	38,913	1/2	30,838
3/4	3/4	3/4	3/4	3/4	3/4	3/4	79,085	3/4	71,045	3/4	62,970	3/4	54,895	3/4	46,819	3/4	38,744	3/4	30,669
3	3	3	3	3	3	3	78,918	3	70,876	3	62,801	3	54,726	3	46,651	3	38,576	3	30,501
1/4	1/4	1/4	1/4	1/4	1/4	1/4	84,919	1/4	78,751	1/4	70,708	1/4	62,633	1/4	54,558	1/4	46,483	1/4	38,408
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,898	1/2	78,584	1/2	70,540	1/2	62,465	1/2	54,390	1/2	46,315	1/2	38,240
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,876	3/4	78,417	3/4	70,372	3/4	62,297	3/4	54,222	3/4	46,147	3/4	38,072
4	4	4	4	4	4	4	84,855	4	78,250	4	70,203	4	62,128	4	54,053	4	45,978	4	37,903
1/4	1/4	1/4	1/4	1/4	1/4	1/4	84,833	1/4	78,082	1/4	70,035	1/4	61,960	1/4	53,885	1/4	45,810	1/4	37,735
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,786	1/2	77,915	1/2	69,867	1/2	61,792	1/2	53,717	1/2	45,642	1/2	37,567
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,738	3/4	77,748	3/4	69,699	3/4	61,624	3/4	53,549	3/4	45,474	3/4	37,399
5	5	5	5	5	5	5	84,690	5	77,581	5	69,531	5	61,456	5	53,380	5	45,305	5	37,230
1/4	1/4	1/4	1/4	1/4	1/4	1/4	84,642	1/4	77,414	1/4	69,362	1/4	61,287	1/4	53,212	1/4	45,137	1/4	37,062
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,567	1/2	77,246	1/2	69,194	1/2	61,119	1/2	53,044	1/2	44,969	1/2	36,894
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,491	3/4	77,079	3/4	69,026	3/4	60,951	3/4	52,876	3/4	44,801	3/4	36,726
6	6	6	6	6	6	6	84,415	6	76,912	6	68,858	6	60,783	6	52,708	6	44,633	6	36,557
1/4	1/4	1/4	1/4	1/4	1/4	1/4	84,339	1/4	76,745	1/4	68,689	1/4	60,614	1/4	52,539	1/4	44,464	1/4	36,389
1/2	1/2	1/2	1/2	1/2	1/2	1/2	84,235	1/2	76,578	1/2	68,521	1/2	60,446	1/2	52,371	1/2	44,296	1/2	36,221
3/4	3/4	3/4	3/4	3/4	3/4	3/4	84,131	3/4	76,411	3/4	68,353	3/4	60,278	3/4	52,203	3/4	44,128	3/4	36,053
7	7	7	7	7	7	7	84,027	7	76,243	7	68,185	7	60,110	7	52,035	7	43,960	7	35,885
1/4	1/4	1/4	1/4	1/4	1/4	1/4	83,923	1/4	76,076	1/4	68,016	1/4	59,941	1/4	51,866	1/4	43,791	1/4	35,716
1/2	1/2	1/2	1/2	1/2	1/2	1/2	83,790	1/2	75,909	1/2	67,848	1/2	59,773	1/2	51,698	1/2	43,623	1/2	35,548
3/4	3/4	3/4	3/4	3/4	3/4	3/4	83,656	3/4	75,742	3/4	67,680	3/4	59,605	3/4	51,530	3/4	43,455	3/4	35,380
8	8	8	8	8	8	8	83,523	8	75,575	8	67,512	8	59,437	8	51,362	8	43,287	8	35,212
1/4	1/4	1/4	1/4	1/4	1/4	1/4	83,389	1/4	75,408	1/4	67,344	1/4	59,269	1/4	51,193	1/4	43,118	1/4	35,043
1/2	1/2	1/2	1/2	1/2	1/2	1/2	83,232	1/2	75,240	1/2	67,175	1/2	59,100	1/2	51,025	1/2	42,950	1/2	34,875
3/4	3/4	3/4	3/4	3/4	3/4	3/4	83,075	3/4	75,073	3/4	67,007	3/4	58,932	3/4	50,857	3/4	42,782	3/4	34,707
9	9	9	9	9	9	9	82,917	9	74,906	9	66,839	9	58,764	9	50,689	9	42,614	9	34,539
1/4	1/4	1/4	1/4	1/4	1/4	1/4	82,760	1/4	74,739	1/4	66,671	1/4	58,596	1/4	50,521	1/4	42,446	1/4	34,370
1/2	1/2	1/2	1/2	1/2	1/2	1/2	82,594	1/2	74,572	1/2	66,502	1/2	58,427	1/2	50,352	1/2	42,277	1/2	34,202
3/4	3/4	3/4	3/4	3/4	3/4	3/4	82,427	3/4	74,404	3/4	66,334	3/4	58,259	3/4	50,184	3/4	42,109	3/4	34,034
10	10	10	10	10	10	10	82,261	10	74,237	10	66,166	10	58,091	10	50,016	10	41,941	10	33,866
1/4	1/4	1/4	1/4	1/4	1/4	1/4	82,095	1/4	74,070	1/4	65,998	1/4	57,923	1/4	49,848	1/4	41,773	1/4	33,698
1/2	1/2	1/2	1/2	1/2	1/2	1/2	81,928	1/2	73,902	1/2	65,829	1/2	57,754	1/2	49,679	1/2	41,604	1/2	33,529
3/4	3/4	3/4	3/4	3/4	3/4	3/4	81,760	3/4	73,735	3/4	65,661	3/4	57,586	3/4	49,511	3/4	41,436	3/4	33,361
11	11	11	11	11	11	11	81,593	11	73,567	11	65,493	11	57,418	11	49,343	11	41,268	11	33,193
1/4	1/4	1/4	1/4	1/4	1/4	1/4	81,426	1/4	73,400	1/4	65,325	1/4	57,250	1/4	49,175	1/4	41,100	1/4	33,025
1/2	1/2	1/2	1/2	1/2	1/2	1/2	81,259	1/2	73,231	1/2	65,157	1/2	57,082	1/2	49,006	1/2	40,931	1/2	32,856
3/4	3/4	3/4	3/4	3/4	3/4	3/4	81,092	3/4	73,063	3/4	64,988	3/4	56,913	3/4	48,838	3/4	40,763	3/4	32,688

GAUGE LOCATED 17'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/4" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

SAYBOLT INC.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
**5 PORT
ULLAGE TABLE**
GAUGE HEIGHT 13'-0 3/8" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	24,445	0	16,524	0	8,681	0	770
1/4	24,277	1/4	16,365	1/4	8,513	1/4	640
1/2	24,108	1/2	16,205	1/2	8,345	3/8	577
3/4	23,940	3/4	16,045	3/4	8,177		
1	23,772	1	15,885	1	8,008		
1/4	23,604	1/4	15,725	1/4	7,840		
1/2	23,436	1/2	15,566	1/2	7,672		
3/4	23,267	3/4	15,406	3/4	7,504		
2	23,099	2	15,246	2	7,335		
1/4	22,931	1/4	15,086	1/4	7,167		
1/2	22,763	1/2	14,926	1/2	6,999		
3/4	22,594	3/4	14,767	3/4	6,831		
3	22,426	3	14,607	3	6,663		
1/4	22,258	1/4	14,447	1/4	6,494		
1/2	22,090	1/2	14,287	1/2	6,326		
3/4	21,921	3/4	14,127	3/4	6,158		
4	21,753	4	13,968	4	5,990		
1/4	21,585	1/4	13,808	1/4	5,821		
1/2	21,417	1/2	13,648	1/2	5,653		
3/4	21,249	3/4	13,488	3/4	5,485		
5	21,080	5	13,328	5	5,317		
1/4	20,912	1/4	13,169	1/4	5,149		
1/2	20,744	1/2	13,009	1/2	4,980		
3/4	20,576	3/4	12,849	3/4	4,812		
6	20,407	6	12,689	6	4,644		
1/4	20,239	1/4	12,530	1/4	4,476		
1/2	20,074	1/2	12,366	1/2	4,308		
3/4	19,909	3/4	12,203	3/4	4,140		
7	19,743	7	12,039	7	3,972		
1/4	19,578	1/4	11,876	1/4	3,804		
1/2	19,416	1/2	11,708	1/2	3,636		
3/4	19,254	3/4	11,540	3/4	3,468		
8	19,092	8	11,372	8	3,300		
1/4	18,930	1/4	11,205	1/4	3,132		
1/2	18,769	1/2	11,037	1/2	2,964		
3/4	18,608	3/4	10,868	3/4	2,797		
9	18,447	9	10,700	9	2,629		
1/4	18,286	1/4	10,532	1/4	2,461		
1/2	18,126	1/2	10,364	1/2	2,294		
3/4	17,965	3/4	10,195	3/4	2,127		
10	17,805	10	10,027	10	1,960		
1/4	17,645	1/4	9,859	1/4	1,793		
1/2	17,484	1/2	9,691	1/2	1,635		
3/4	17,324	3/4	9,522	3/4	1,477		
11	17,164	11	9,354	11	1,319		
1/4	17,004	1/4	9,186	1/4	1,161		
1/2	16,844	1/2	9,018	1/2	1,031		
3/4	16,684	3/4	8,850	3/4	900		

GAUGE LOCATED 17'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/4" TO OBSERVED ULLAGE GAUGE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 12/21/99
STRAPPED BY: CJ & CH 12/01/99

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
5 STARBOARD
ULLAGE TABLE

GAUGE HEIGHT 13'-0 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	81,557	0	73,505	0	65,408	0	57,311	0	49,214	0	41,117	0	33,020
1/4		1/4		1/4		1/4	81,390	1/4	73,337	1/4	65,239	1/4	57,142	1/4	49,045	1/4	40,948	1/4	32,851
1/2		1/2		1/2		1/2	81,222	1/2	73,168	1/2	65,071	1/2	56,974	1/2	48,876	1/2	40,779	1/2	32,682
3/4		3/4		3/4		3/4	81,055	3/4	72,999	3/4	64,902	3/4	56,805	3/4	48,708	3/4	40,611	3/4	32,514
1		1		1		1	80,887	1	72,830	1	64,733	1	56,636	1	48,539	1	40,442	1	32,345
1/4		1/4		1/4		1/4	80,719	1/4	72,662	1/4	64,565	1/4	56,468	1/4	48,370	1/4	40,273	1/4	32,176
1/2		1/2		1/2		1/2	80,552	1/2	72,493	1/2	64,396	1/2	56,299	1/2	48,202	1/2	40,105	1/2	32,007
3/4		3/4		3/4		3/4	80,384	3/4	72,324	3/4	64,227	3/4	56,130	3/4	48,033	3/4	39,936	3/4	31,839
2		2		2		2	80,216	2	72,156	2	64,059	2	55,961	2	47,864	2	39,767	2	31,670
1/4		1/4		1/4		1/4	80,049	1/4	71,987	1/4	63,890	1/4	55,793	1/4	47,696	1/4	39,598	1/4	31,501
1/2		1/2		1/2		1/2	79,881	1/2	71,818	1/2	63,721	1/2	55,624	1/2	47,527	1/2	39,430	1/2	31,333
3/4		3/4		3/4		3/4	79,713	3/4	71,650	3/4	63,552	3/4	55,455	3/4	47,358	3/4	39,261	3/4	31,164
3		3		3		3	79,546	3	71,481	3	63,384	3	55,287	3	47,190	3	39,092	3	30,995
1/4		1/4		1/4		1/4	79,378	1/4	71,312	1/4	63,215	1/4	55,118	1/4	47,021	1/4	38,924	1/4	30,827
1/2		1/2		1/2		1/2	85,475	1/2	79,210	1/2	71,144	1/2	63,046	1/2	46,852	1/2	38,755	1/2	30,658
3/4		3/4		3/4		3/4	85,451	3/4	79,043	3/4	70,975	3/4	62,878	3/4	46,683	3/4	38,586	3/4	30,489
4		4		4		4	85,428	4	78,875	4	70,806	4	62,709	4	46,515	4	38,418	4	30,321
1/4		1/4		1/4		1/4	85,405	1/4	78,707	1/4	70,637	1/4	62,540	1/4	46,346	1/4	38,249	1/4	30,152
1/2		1/2		1/2		1/2	85,382	1/2	78,540	1/2	70,469	1/2	62,372	1/2	46,177	1/2	38,080	1/2	29,983
3/4		3/4		3/4		3/4	85,330	3/4	78,372	3/4	70,300	3/4	62,203	3/4	46,009	3/4	37,912	3/4	29,814
5		5		5		5	85,279	5	78,204	5	70,131	5	62,034	5	45,840	5	37,743	5	29,646
1/4		1/4		1/4		1/4	85,228	1/4	78,037	1/4	69,963	1/4	61,866	1/4	45,671	1/4	37,574	1/4	29,477
1/2		1/2		1/2		1/2	85,176	1/2	77,869	1/2	69,794	1/2	61,697	1/2	45,503	1/2	37,406	1/2	29,308
3/4		3/4		3/4		3/4	85,097	3/4	77,702	3/4	69,625	3/4	61,528	3/4	45,334	3/4	37,237	3/4	29,140
6		6		6		6	85,017	6	77,534	6	69,457	6	61,360	6	45,165	6	37,068	6	28,971
1/4		1/4		1/4		1/4	84,937	1/4	77,366	1/4	69,288	1/4	61,191	1/4	44,997	1/4	36,899	1/4	28,802
1/2		1/2		1/2		1/2	84,858	1/2	77,199	1/2	69,119	1/2	61,022	1/2	44,828	1/2	36,731	1/2	28,634
3/4		3/4		3/4		3/4	84,750	3/4	77,031	3/4	68,951	3/4	60,853	3/4	44,659	3/4	36,562	3/4	28,465
7		7		7		7	84,642	7	76,863	7	68,782	7	60,685	7	44,491	7	36,393	7	28,296
1/4		1/4		1/4		1/4	84,534	1/4	76,696	1/4	68,613	1/4	60,516	1/4	44,322	1/4	36,225	1/4	28,128
1/2		1/2		1/2		1/2	84,427	1/2	76,528	1/2	68,444	1/2	60,347	1/2	44,153	1/2	36,056	1/2	27,959
3/4		3/4		3/4		3/4	84,289	3/4	76,360	3/4	68,276	3/4	60,179	3/4	43,984	3/4	35,887	3/4	27,790
8		8		8		8	84,151	8	76,193	8	68,107	8	60,010	8	43,816	8	35,719	8	27,622
1/4		1/4		1/4		1/4	84,014	1/4	76,025	1/4	67,938	1/4	59,841	1/4	43,647	1/4	35,550	1/4	27,453
1/2		1/2		1/2		1/2	83,876	1/2	75,857	1/2	67,770	1/2	59,673	1/2	43,478	1/2	35,381	1/2	27,284
3/4		3/4		3/4		3/4	83,716	3/4	75,690	3/4	67,601	3/4	59,504	3/4	43,310	3/4	35,213	3/4	27,115
9		9		9		9	83,555	9	75,522	9	67,432	9	59,335	9	43,141	9	35,044	9	26,947
1/4		1/4		1/4		1/4	83,394	1/4	75,354	1/4	67,264	1/4	59,167	1/4	42,972	1/4	34,875	1/4	26,778
1/2		1/2		1/2		1/2	83,234	1/2	75,187	1/2	67,095	1/2	58,998	1/2	42,804	1/2	34,706	1/2	26,609
3/4		3/4		3/4		3/4	83,066	3/4	75,019	3/4	66,926	3/4	58,829	3/4	42,635	3/4	34,538	3/4	26,441
10		10		10		10	82,899	10	74,851	10	66,758	10	58,660	10	42,466	10	34,369	10	26,272
1/4		1/4		1/4		1/4	82,731	1/4	74,684	1/4	66,589	1/4	58,492	1/4	42,298	1/4	34,200	1/4	26,103
1/2		1/2		1/2		1/2	82,563	1/2	74,516	1/2	66,420	1/2	58,323	1/2	42,129	1/2	34,032	1/2	25,935
3/4		3/4		3/4		3/4	82,396	3/4	74,348	3/4	66,252	3/4	58,154	3/4	41,960	3/4	33,863	3/4	25,766
11		11		11		11	82,228	11	74,179	11	66,083	11	57,986	11	41,791	11	33,694	11	25,597
1/4		1/4		1/4		1/4	82,060	1/4	74,011	1/4	65,914	1/4	57,817	1/4	41,623	1/4	33,526	1/4	25,429
1/2		1/2		1/2		1/2	81,893	1/2	73,843	1/2	65,745	1/2	57,648	1/2	41,454	1/2	33,357	1/2	25,260
3/4		3/4		3/4		3/4	81,725	3/4	73,674	3/4	65,577	3/4	57,480	3/4	41,285	3/4	33,188	3/4	25,091

GAUGE LOCATED 17'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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NOTE: FOR EACH FOOT OF TRIM DOWN BY STERN,
ADD 1/4" TO OBSERVED ULLAGE GAUGE.

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COMPUTED BY: JW 12/21/99
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SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE AX-3202
5 STARBOARD
ULLAGE TABLE
GAUGE HEIGHT 13'-0 1/2" GAUGE POINT IS AT UPPER SURFACE OF FLAME SCREEN REST, OPPOSITE HINGE

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	24,922	0	16,843	0	8,789	0	832
1/4	24,754	1/4	16,676	1/4	8,621	1/4	705
1/2	24,585	1/2	16,509	1/2	8,452	1/2	578
3/4	24,416	3/4	16,342	3/4	8,283		
1	24,248	1	16,175	1	8,115		
1/4	24,079	1/4	16,008	1/4	7,946		
1/2	23,910	1/2	15,840	1/2	7,777		
3/4	23,742	3/4	15,673	3/4	7,609		
2	23,573	2	15,506	2	7,440		
1/4	23,404	1/4	15,339	1/4	7,271		
1/2	23,236	1/2	15,172	1/2	7,103		
3/4	23,067	3/4	15,005	3/4	6,934		
3	22,898	3	14,838	3	6,765		
1/4	22,729	1/4	14,670	1/4	6,596		
1/2	22,561	1/2	14,503	1/2	6,428		
3/4	22,392	3/4	14,336	3/4	6,259		
4	22,223	4	14,169	4	6,090		
1/4	22,055	1/4	14,002	1/4	5,922		
1/2	21,886	1/2	13,835	1/2	5,753		
3/4	21,717	3/4	13,668	3/4	5,584		
5	21,549	5	13,500	5	5,416		
1/4	21,380	1/4	13,333	1/4	5,247		
1/2	21,211	1/2	13,166	1/2	5,078		
3/4	21,043	3/4	12,999	3/4	4,910		
6	20,874	6	12,832	6	4,741		
1/4	20,705	1/4	12,665	1/4	4,572		
1/2	20,537	1/2	12,498	1/2	4,404		
3/4	20,368	3/4	12,330	3/4	4,235		
7	20,200	7	12,162	7	4,067		
1/4	20,031	1/4	11,994	1/4	3,898		
1/2	19,863	1/2	11,826	1/2	3,730		
3/4	19,695	3/4	11,657	3/4	3,561		
8	19,527	8	11,488	8	3,393		
1/4	19,359	1/4	11,320	1/4	3,225		
1/2	19,191	1/2	11,151	1/2	3,056		
3/4	19,023	3/4	10,982	3/4	2,888		
9	18,855	9	10,814	9	2,720		
1/4	18,687	1/4	10,645	1/4	2,552		
1/2	18,519	1/2	10,476	1/2	2,384		
3/4	18,351	3/4	10,308	3/4	2,217		
10	18,183	10	10,139	10	2,049		
1/4	18,015	1/4	9,970	1/4	1,882		
1/2	17,848	1/2	9,802	1/2	1,715		
3/4	17,680	3/4	9,633	3/4	1,557		
11	17,513	11	9,464	11	1,400		
1/4	17,345	1/4	9,295	1/4	1,243		
1/2	17,178	1/2	9,127	1/2	1,085		
3/4	17,010	3/4	8,958	3/4	959		

GAUGE LOCATED 17'-0" FROM AFT BULKHEAD AND
12'-6" FROM CENTERLINE BULKHEAD.

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SAYBOLT INC.