

Caltech Brett

CAPACITIES IN U.S. GALLONS

MODEL DRUM DARGE
"RCT - 12"

HULL # 962870

TANK: 1

TOTAL GAUGE HEIGHT: 15' 08" 5/8"

IN	0 FT		IN	1 FT		IN	2 FT		IN	3 FT		IN	4 FT		IN	5 FT		IN	6 FT		IN	7 FT	
	IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN
0	26	0	9172	0	19635	0	30075	0	40533	0	50996	0	61459	0	71922	0	82385	0	92848	0	103311	0	113774
1/4	35	1/4	9390	1/4	19852	1/4	30292	1/4	40751	1/4	51214	1/4	61677	1/4	72140	1/4	82603	1/4	93066	1/4	103529	1/4	113992
1/2	63	1/2	9608	1/2	20070	1/2	30510	1/2	40969	1/2	51432	1/2	61895	1/2	72358	1/2	82821	1/2	93284	1/2	103747	1/2	114210
3/4	108	3/4	9826	3/4	20288	3/4	30727	3/4	41187	3/4	51650	3/4	62113	3/4	72576	3/4	83039	3/4	93502	3/4	103965	3/4	114428
1	172	1	10044	1	20506	1	30944	1	41405	1	51868	1	62331	1	72794	1	83257	1	93720	1	104183	1	114646
1 1/4	253	1 1/4	10262	1 1/4	20724	1 1/4	31162	1 1/4	41623	1 1/4	52086	1 1/4	62549	1 1/4	73012	1 1/4	83475	1 1/4	93938	1 1/4	104401	1 1/4	114864
1 1/2	353	1 1/2	10480	1 1/2	20942	1 1/2	31379	1 1/2	41841	1 1/2	52304	1 1/2	62767	1 1/2	73230	1 1/2	83693	1 1/2	94156	1 1/2	104619	1 1/2	115122
1 3/4	471	1 3/4	10698	1 3/4	21160	1 3/4	31596	1 3/4	42059	1 3/4	52522	1 3/4	62985	1 3/4	73448	1 3/4	83908	1 3/4	94371	1 3/4	105084	1 3/4	115587
2	608	2	10916	2	21378	2	31813	2	42277	2	52740	2	63203	2	73666	2	84129	2	94592	2	105145	2	116050
2 1/4	762	2 1/4	11134	2 1/4	21596	2 1/4	32031	2 1/4	42495	2 1/4	52958	2 1/4	63421	2 1/4	73884	2 1/4	84347	2 1/4	94810	2 1/4	105273	2 1/4	116183
2 1/2	935	2 1/2	11352	2 1/2	21814	2 1/2	32249	2 1/2	42713	2 1/2	53176	2 1/2	63639	2 1/2	74102	2 1/2	84565	2 1/2	95028	2 1/2	105301	2 1/2	116316
2 3/4	1125	2 3/4	11570	2 3/4	22032	2 3/4	32467	2 3/4	42931	2 3/4	53394	2 3/4	63857	2 3/4	74320	2 3/4	84781	2 3/4	95244	2 3/4	105437	2 3/4	116450
3	1334	3	11788	3	22250	3	32685	3	43149	3	53612	3	64075	3	74538	3	85001	3	95464	3	105927	3	116583
3 1/4	1543	3 1/4	12006	3 1/4	22468	3 1/4	32903	3 1/4	43367	3 1/4	53830	3 1/4	64293	3 1/4	74756	3 1/4	85215	3 1/4	95678	3 1/4	106060	3 1/4	116716
3 1/2	1761	3 1/2	12224	3 1/2	22686	3 1/2	33121	3 1/2	43585	3 1/2	54048	3 1/2	64511	3 1/2	74974	3 1/2	85437	3 1/2	95900	3 1/2	106193	3 1/2	116849
3 3/4	1979	3 3/4	12442	3 3/4	22903	3 3/4	33339	3 3/4	43803	3 3/4	54266	3 3/4	64729	3 3/4	75192	3 3/4	85661	3 3/4	96124	3 3/4	106326	3 3/4	116981
4	2197	4	12660	4	23121	4	33557	4	44020	4	54484	4	64947	4	75410	4	85810	4	96287	4	106459	4	117104
4 1/4	2415	4 1/4	12878	4 1/4	23339	4 1/4	33775	4 1/4	44238	4 1/4	54702	4 1/4	65165	4 1/4	75628	4 1/4	86081	4 1/4	96544	4 1/4	106591	4 1/4	117236
4 1/2	2633	4 1/2	13095	4 1/2	23557	4 1/2	33993	4 1/2	44456	4 1/2	54920	4 1/2	65383	4 1/2	75846	4 1/2	86303	4 1/2	96766	4 1/2	106723	4 1/2	117368
4 3/4	2851	4 3/4	13313	4 3/4	23774	4 3/4	34211	4 3/4	44674	4 3/4	55138	4 3/4	65601	4 3/4	76064	4 3/4	86519	4 3/4	96982	4 3/4	106855	4 3/4	117500
5	3069	5	13531	5	23991	5	34429	5	44882	5	55356	5	65819	5	76282	5	86745	5	97208	5	107271	5	117632
5 1/4	3287	5 1/4	13749	5 1/4	24208	5 1/4	34647	5 1/4	45110	5 1/4	55574	5 1/4	66037	5 1/4	76500	5 1/4	86963	5 1/4	97426	5 1/4	107403	5 1/4	117764
5 1/2	3505	5 1/2	13967	5 1/2	24426	5 1/2	34865	5 1/2	45328	5 1/2	55791	5 1/2	66255	5 1/2	76718	5 1/2	87181	5 1/2	97639	5 1/2	107535	5 1/2	117896
5 3/4	3723	5 3/4	14185	5 3/4	24643	5 3/4	35083	5 3/4	45546	5 3/4	56009	5 3/4	66472	5 3/4	76936	5 3/4	87399	5 3/4	97856	5 3/4	107667	5 3/4	118028
6	3941	6	14403	6	24860	6	35301	6	45764	6	56227	6	66690	6	77154	6	87617	6	98080	6	107799	6	118160
6 1/4	4159	6 1/4	14621	6 1/4	25078	6 1/4	35519	6 1/4	45982	6 1/4	56445	6 1/4	66908	6 1/4	77372	6 1/4	87831	6 1/4	98294	6 1/4	107931	6 1/4	118292
6 1/2	4377	6 1/2	14839	6 1/2	25295	6 1/2	35737	6 1/2	46200	6 1/2	56663	6 1/2	67126	6 1/2	77590	6 1/2	88043	6 1/2	98506	6 1/2	108063	6 1/2	118424
6 3/4	4595	6 3/4	15057	6 3/4	25512	6 3/4	35955	6 3/4	46418	6 3/4	56881	6 3/4	67344	6 3/4	77808	6 3/4	88261	6 3/4	98719	6 3/4	108195	6 3/4	118556
7	4813	7	15275	7	25729	7	36173	7	46636	7	57099	7	67562	7	78026	7	88489	7	98952	7	108327	7	118688
7 1/4	5031	7 1/4	15493	7 1/4	25947	7 1/4	36391	7 1/4	46854	7 1/4	57317	7 1/4	67780	7 1/4	78244	7 1/4	88702	7 1/4	99165	7 1/4	108459	7 1/4	118820
7 1/2	5249	7 1/2	15711	7 1/2	26164	7 1/2	36609	7 1/2	47072	7 1/2	57535	7 1/2	67998	7 1/2	78462	7 1/2	88919	7 1/2	99383	7 1/2	108591	7 1/2	118952
7 3/4	5467	7 3/4	15929	7 3/4	26381	7 3/4	36827	7 3/4	47290	7 3/4	57753	7 3/4	68216	7 3/4	78680	7 3/4	89131	7 3/4	99595	7 3/4	108723	7 3/4	119084
8	5685	8	16147	8	26599	8	37045	8	47508	8	57971	8	68434	8	78898	8	89343	8	99806	8	108855	8	119216
8 1/4	5903	8 1/4	16365	8 1/4	26816	8 1/4	37263	8 1/4	47726	8 1/4	58189	8 1/4	68652	8 1/4	79116	8 1/4	89554	8 1/4	100018	8 1/4	108987	8 1/4	119348
8 1/2	6121	8 1/2	16583	8 1/2	27033	8 1/2	37481	8 1/2	47944	8 1/2	58407	8 1/2	68870	8 1/2	79334	8 1/2	89766	8 1/2	100230	8 1/2	109119	8 1/2	119480
8 3/4	6338	8 3/4	16801	8 3/4	27250	8 3/4	37699	8 3/4	48162	8 3/4	58625	8 3/4	69088	8 3/4	79552	8 3/4	89978	8 3/4	100442	8 3/4	109251	8 3/4	119612
9	6556	9	17019	9	27468	9	37917	9	48380	9	58843	9	69306	9	79770	9	90183	9	100654	9	109383	9	119744
9 1/4	6774	9 1/4	17237	9 1/4	27685	9 1/4	38135	9 1/4	48598	9 1/4	59061	9 1/4	69524	9 1/4	79988	9 1/4	90395	9 1/4	100866	9 1/4	109515	9 1/4	119876
9 1/2	6992	9 1/2	17455	9 1/2	27902	9 1/2	38353	9 1/2	48816	9 1/2	59279	9 1/2	69742	9 1/2	80206	9 1/2	90607	9 1/2	101078	9 1/2	109647	9 1/2	119998
9 3/4	7210	9 3/4	17673	9 3/4	28120	9 3/4	38571	9 3/4	49034	9 3/4	59497	9 3/4	69960	9 3/4	80424	9 3/4	90819	9 3/4	101290	9 3/4	109779	9 3/4	120130
10	7428	10	17891	10	28337	10	38789	10	49252	10	59715	10	70178	10	80642	10	91101	10	101504	10	110011	10	120262
10 1/4	7646	10 1/4	18109	10 1/4	28554	10 1/4	39007	10 1/4	49470	10 1/4	59933	10 1/4	70396	10 1/4	80860	10 1/4	91313	10 1/4	101716	10 1/4	110143	10 1/4	120394
10 1/2	7864	10 1/2	18327	10 1/2	28771	10 1/2	39225	10 1/2	49688	10 1/2	60151	10 1/2	70614	10 1/2	81078	10 1/2	91514	10 1/2	101928	10 1/2	110275	10 1/2	120526
10 3/4	8082	10 3/4	18545	10 3/4	28989	10 3/4	39443	10 3/4	49906	10 3/4	60369	10 3/4	70832	10 3/4	81296	10 3/4	91730	10 3/4	102140	10 3/4	110407	10 3/4	120658
11	8300	11	18763	11	29206	11	39661	11	50124	11	60587	11	71050	11	81514	11	92000	11	102352	11	110539	11	120790
11 1/4	8518	11 1/4	18981	11 1/4	29423	11 1/4	39879	11 1/4	50342	11 1/4	60805	11 1/4	71268	11 1/4	81732	11 1/4	92211	11 1/4	102564	11 1/4	110671	11 1/4	120922
11 1/2	8736	11 1/2	19199	11 1/2	29641	11 1/2	40097	11 1/2	50560	11 1/2	61023	11 1/2	71486	11 1/2	81950	11 1/2	92422	11 1/2	102776	11 1/2	110803	11 1/2	121054
11 3/4	8954	11 3/4	19417	11 3/4	29858	11 3/4	40315	11 3/4	50778	11 3/4	61241	11 3/4	71704	11 3/4	82168	11 3/4	92633	11 3/4	102988	11 3/4	110935	11 3/4	121186

GAUGE FROM GAUGE PATCH LOCATED NEAR GEOMETRIC CENTER OF TANK
COMPUTATION IN ACCORDANCE WITH API MPMMS CHAPTER 2.7

Calibrated: KPMH
Date: 11/1/04



Intertek Testing Services
Caleb Brett

DOUBLE SKIN BARGE
"RCT - 12"

CAPACITIES IN U.S. GALLONS

HULL # 56-2810

TANK: 1
TOTAL GAUGE HEIGHT: 15' 08" 5/8"

IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN	13 FT	IN	14 FT	IN	15 FT
0	82386	0	92849	0	103311	0	113358	0	123054	0	132250	0	142446	0	
1/4	82604	1/4	93067	1/4	103529	1/4	113560	1/4	123256	1/4	132552	1/4	142648	1/4	
1/2	82822	1/2	93285	1/2	103747	1/2	113762	1/2	123458	1/2	133154	1/2	142850	1/2	
3/4	83040	3/4	93503	3/4	103965	3/4	113964	3/4	123660	3/4	133356	3/4	143052	3/4	
1	83258	1	93721	1	104183	1	114166	1	123862	1	133558	1	143254	1	
1/4	83476	1/4	93939	1/4	104401	1/4	114368	1/4	124064	1/4	133760	1/4	143456	1/4	
1/2	83694	1/2	94157	1/2	104619	1/2	114570	1/2	124266	1/2	133962	1/2	143658	1/2	
3/4	83912	3/4	94375	3/4	104837	3/4	114772	3/4	124468	3/4	134164	3/4	143856	3/4	
2	84130	2	94593	2	105055	2	114974	2	124670	2	134366	2	144045	2	
1/4	84348	1/4	94811	1/4	105273	1/4	115176	1/4	124872	1/4	134568	1/4	144226	1/4	
1/2	84566	1/2	95029	1/2	105491	1/2	115378	1/2	125074	1/2	134770	1/2	144399	1/2	
3/4	84784	3/4	95247	3/4	105709	3/4	115580	3/4	125276	3/4	134972	3/4	144563	3/4	
3	85002	3	95465	3	105927	3	115782	3	125478	3	135174	3	144719	3	
1/4	85220	1/4	95683	1/4	106145	1/4	115984	1/4	125680	1/4	135376	1/4	144866	1/4	
1/2	85438	1/2	95900	1/2	106363	1/2	116186	1/2	125882	1/2	135578	1/2	145005	1/2	
3/4	85656	3/4	96118	3/4	106581	3/4	116388	3/4	126084	3/4	135780	3/4	145135	3/4	
4	85874	4	96336	4	106799	4	116590	4	126286	4	135982	4	145257	4	
1/4	86092	1/4	96554	1/4	107017	1/4	116792	1/4	126488	1/4	136184	1/4	145371	1/4	
1/2	86309	1/2	96772	1/2	107235	1/2	116994	1/2	126690	1/2	136386	1/2	145476	1/2	
3/4	86527	3/4	96990	3/4	107453	3/4	117196	3/4	126892	3/4	136588	3/4	145573	3/4	
5	86745	5	97208	5	107671	5	117398	5	127094	5	136790	5	145661	5	
1/4	86963	1/4	97426	1/4	107889	1/4	117600	1/4	127296	1/4	136992	1/4	145741	1/4	
1/2	87181	1/2	97644	1/2	108106	1/2	117802	1/2	127498	1/2	137194	1/2	145813	1/2	
3/4	87399	3/4	97862	3/4	108308	3/4	118004	3/4	127700	3/4	137396	3/4	145931	3/4	
6	87617	6	98080	6	108510	6	118206	6	127902	6	137598	6	145977	6	
1/4	87835	1/4	98298	1/4	108712	1/4	118408	1/4	128104	1/4	137800	1/4	146015	1/4	
1/2	88053	1/2	98516	1/2	108914	1/2	118610	1/2	128306	1/2	138002	1/2	146044	1/2	
3/4	88271	3/4	98734	3/4	109116	3/4	118812	3/4	128508	3/4	138204	3/4	146065	3/4	
7	88489	7	98952	7	109318	7	119014	7	128710	7	138406	7	146078	7	
1/4	88707	1/4	99170	1/4	109520	1/4	119216	1/4	128912	1/4	138608	1/4	146082	1/4	
1/2	88925	1/2	99388	1/2	109722	1/2	119418	1/2	129114	1/2	138810	1/2		1/2	
3/4	89143	3/4	99606	3/4	109924	3/4	119620	3/4	129316	3/4	139012	3/4		3/4	
8	89361	8	99824	8	110126	8	119822	8	129518	8	139214	8		8	
1/4	89579	1/4	100042	1/4	110328	1/4	120024	1/4	129720	1/4	139416	1/4		1/4	
1/2	89797	1/2	100260	1/2	110530	1/2	120226	1/2	129922	1/2	139618	1/2		1/2	
3/4	90015	3/4	100478	3/4	110732	3/4	120428	3/4	130124	3/4	139820	3/4		3/4	
9	90233	9	100696	9	110934	9	120630	9	130326	9	140022	9		9	
1/4	90451	1/4	100914	1/4	111136	1/4	120832	1/4	130528	1/4	140224	1/4		1/4	
1/2	90669	1/2	101132	1/2	111338	1/2	121034	1/2	130730	1/2	140426	1/2		1/2	
3/4	90887	3/4	101350	3/4	111540	3/4	121236	3/4	130932	3/4	140628	3/4		3/4	
10	91105	10	101568	10	111742	10	121438	10	131134	10	140830	10		10	
1/4	91323	1/4	101786	1/4	111944	1/4	121640	1/4	131336	1/4	141032	1/4		1/4	
1/2	91541	1/2	102003	1/2	112146	1/2	121842	1/2	131538	1/2	141234	1/2		1/2	
3/4	91759	3/4	102221	3/4	112348	3/4	122044	3/4	131740	3/4	141436	3/4		3/4	
11	91977	11	102439	11	112550	11	122246	11	131942	11	141638	11		11	
1/4	92195	1/4	102657	1/4	112752	1/4	122448	1/4	132144	1/4	141840	1/4		1/4	
1/2	92413	1/2	102875	1/2	112954	1/2	122650	1/2	132346	1/2	142042	1/2		1/2	
3/4	92631	3/4	103093	3/4	113156	3/4	122852	3/4	132548	3/4	142244	3/4		3/4	

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE POINT BELOW THE GAUGE HATCH TO TOP OF THE TANK AT CENTERLINE.
IF GAUGING FROM HULL/NAME, WHICH IS A VARIATION FROM THE GAUGE HATCH TO TOP OF THE TANK AT CENTERLINE.
16 03 2015

DOUBLE SKIN BARGE
"RCT - 12"

CAPACITIES IN U.S. GALLONS

HULL # 96-2870

TANK: 2
TOTAL GAUGE HEIGHT: 15' 08 3/4"

8 FT		9 FT		10 FT		11 FT		12 FT		13 FT		14 FT		15 FT	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	82685	0	93187	0	103687	0	114188	0	124689	0	135191	0	145693	0	
1/4	82904	1/4	93406	1/4	103906	1/4	114407	1/4	124907	1/4	135410	1/4	145912	1/4	
1/2	83123	1/2	93624	1/2	104125	1/2	114626	1/2	125126	1/2	135628	1/2	146131	1/2	
3/4	83342	3/4	93843	3/4	104344	3/4	114844	3/4	125345	3/4	135847	3/4	146350	3/4	
1	83560	1	94062	1	104562	1	115063	1	125564	1	136066	1	146568	1	
1/4	83779	1/4	94281	1/4	104781	1/4	115282	1/4	125783	1/4	136285	1/4	146787	1/4	
1/2	83998	1/2	94499	1/2	105000	1/2	115501	1/2	126001	1/2	136504	1/2	147006	1/2	
3/4	84217	3/4	94718	3/4	105219	3/4	115719	3/4	126220	3/4	136722	3/4	147225	3/4	
2	84435	2	94937	2	105437	2	115938	2	126439	2	136941	2	147444	2	
1/4	84654	1/4	95156	1/4	105656	1/4	116157	1/4	126658	1/4	137160	1/4	147662	1/4	
1/2	84873	1/2	95374	1/2	105875	1/2	116376	1/2	126877	1/2	137379	1/2	147881	1/2	
3/4	85092	3/4	95593	3/4	106094	3/4	116594	3/4	127095	3/4	137598	3/4	148100	3/4	
3	85311	3	95812	3	106313	3	116813	3	127314	3	137816	3	148314	3	
1/4	85529	1/4	96031	1/4	106531	1/4	117032	1/4	127532	1/4	138035	1/4	148519	1/4	
1/2	85748	1/2	96249	1/2	106750	1/2	117251	1/2	127752	1/2	138254	1/2	148715	1/2	
3/4	85967	3/4	96468	3/4	106969	3/4	117469	3/4	127971	3/4	138473	3/4	148902	3/4	
4	86186	4	96687	4	107188	4	117688	4	128189	4	138692	4	149080	4	
1/4	86405	1/4	96906	1/4	107406	1/4	117907	1/4	128408	1/4	138910	1/4	149249	1/4	
1/2	86623	1/2	97125	1/2	107625	1/2	118126	1/2	128627	1/2	139129	1/2	149408	1/2	
3/4	86842	3/4	97343	3/4	107844	3/4	118344	3/4	128846	3/4	139348	3/4	149559	3/4	
5	87061	5	97562	5	108063	5	118563	5	129065	5	139567	5	149700	5	
1/4	87280	1/4	97781	1/4	108281	1/4	118782	1/4	129283	1/4	139786	1/4	149832	1/4	
1/2	87498	1/2	98000	1/2	108500	1/2	119001	1/2	129502	1/2	140004	1/2	149955	1/2	
3/4	87717	3/4	98218	3/4	108719	3/4	119220	3/4	129721	3/4	140223	3/4	150069	3/4	
6	87936	6	98437	6	108938	6	119438	6	129940	6	140442	6	150174	6	
1/4	88155	1/4	98656	1/4	109156	1/4	119657	1/4	130159	1/4	140661	1/4	150270	1/4	
1/2	88374	1/2	98875	1/2	109375	1/2	119876	1/2	130377	1/2	140880	1/2	150356	1/2	
3/4	88592	3/4	99093	3/4	109594	3/4	120095	3/4	130596	3/4	141098	3/4	150434	3/4	
7	88811	7	99312	7	109813	7	120313	7	130815	7	141317	7	150502	7	
1/4	89030	1/4	99531	1/4	110032	1/4	120532	1/4	131034	1/4	141536	1/4	150561	1/4	
1/2	89249	1/2	99750	1/2	110250	1/2	120751	1/2	131253	1/2	141755	1/2	150611	1/2	
3/4	89468	3/4	99968	3/4	110469	3/4	120970	3/4	131471	3/4	141974	3/4	150653	3/4	
8	89686	8	100187	8	110688	8	121188	8	131690	8	142192	8	150684	8	
1/4	89905	1/4	100406	1/4	110907	1/4	121407	1/4	131909	1/4	142411	1/4	150707	1/4	
1/2	90124	1/2	100625	1/2	111125	1/2	121626	1/2	132128	1/2	142630	1/2	150721	1/2	
3/4	90343	3/4	100843	3/4	111344	3/4	121845	3/4	132347	3/4	142849	3/4	150725	3/4	
9	90562	9	101062	9	111563	9	122063	9	132565	9	143068	9			
1/4	90780	1/4	101281	1/4	111782	1/4	122282	1/4	132784	1/4	143286	1/4			
1/2	90999	1/2	101500	1/2	112000	1/2	122501	1/2	133003	1/2	143505	1/2			
3/4	91218	3/4	101719	3/4	112219	3/4	122720	3/4	133222	3/4	143724	3/4			
10	91437	10	101937	10	112438	10	122939	10	133441	10	143943	10			
1/4	91655	1/4	102156	1/4	112657	1/4	123157	1/4	133659	1/4	144162	1/4			
1/2	91874	1/2	102375	1/2	112875	1/2	123376	1/2	133878	1/2	144380	1/2			
3/4	92093	3/4	102594	3/4	113094	3/4	123595	3/4	134097	3/4	144599	3/4			
11	92312	11	102812	11	113313	11	123814	11	134316	11	144818	11			
1/4	92530	1/4	103031	1/4	113532	1/4	124032	1/4	134534	1/4	145037	1/4			
1/2	92749	1/2	103250	1/2	113750	1/2	124251	1/2	134753	1/2	145256	1/2			
3/4	92968	3/4	103469	3/4	113969	3/4	124470	3/4	134972	3/4	145474	3/4			

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE POINT BELOW THE GAUGE HATCH TO TOP OF THE TANK AT CENTERLINE
IF CAUSING FROM RHT/IMAGI VAPOR LOCK VALVE PIPE, THE TOTAL HEIGHT TO TOP OF VALVE IS
ADJUSTED UP TO INCHES GAUGES ARE 15' 08 3/4"



ARLINGTON INDUSTRIES, INC. DIVISION
Caleb Brett

CAPACITIES IN U.S. GALLONS

DOUBLE SKIN BARGE
"RCT - 12"

HULL # 96-2876

TANK: 2

TOTAL GAUGE HEIGHT: 15.08 3/4"

TANK: 2															
TOTAL GAUGE HEIGHT: 15' 00" 3/4"															
HULL # 96-2870															
IN															
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COMPUTATION IN ACCORDANCE WITH API MPMAS CHAPTER 2 /
PAGE NO. 1

GAUGE FROM GAUGE HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

Calibrated: KTAH

WHE

7/19/94



U.S. NAVY

DOUBLE OILY DARGE

"RCT - 12"

TANK: 3

CAPACITIES IN U.S. GALLONS

HULL # 96-2870

TOTAL GAUGE HEIGHT: 15' 08" 1/8"

TANK: 3										TOTAL GAUGE HEIGHT: 15.98.18"							
HULL # 962870																	
IN		0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT		
0	26	0	9316	0	19818	0	30319	0	40822	0	51326	0	61830	0	72333		
1/4	36	1/4	9534	1/4	20037	1/4	30537	1/4	41041	1/4	51545	1/4	62049	1/4	72552		
1/2	66	1/2	9753	1/2	20255	1/2	30756	1/2	41260	1/2	51764	1/2	62267	1/2	72771		
3/4	116	3/4	9972	3/4	20474	3/4	30975	3/4	41479	3/4	51982	3/4	62486	3/4	72990		
1	185	1	10191	1	20693	1	31194	1	41697	1	52201	1	62705	1	73209		
1/4	275	1/4	10410	1/4	20912	1/4	31412	1/4	41916	1/4	52420	1/4	62924	1/4	73428		
1/2	384	1/2	10628	1/2	21130	1/2	31631	1/2	42135	1/2	52639	1/2	63143	1/2	73646		
3/4	514	3/4	10847	3/4	21349	3/4	31850	3/4	42354	3/4	52858	3/4	63362	3/4	73865		
2	663	2	11066	2	21568	2	32069	2	42573	2	53077	2	63580	2	74084		
1/4	832	1/4	11285	1/4	21787	1/4	32288	1/4	42792	1/4	53295	1/4	63799	1/4	74303		
1/2	1021	1/2	11504	1/2	22005	1/2	32506	1/2	43010	1/2	53514	1/2	64018	1/2	74522		
3/4	1230	3/4	11722	3/4	22224	3/4	32725	3/4	43229	3/4	53733	3/4	64237	3/4	74740		
3	1439	3	11941	3	22443	3	32944	3	43448	3	53952	3	64456	3	74959		
1/4	1658	1/4	12160	1/4	22662	1/4	33163	1/4	43667	1/4	54171	1/4	64675	1/4	75178		
1/2	1876	1/2	12379	1/2	22880	1/2	33382	1/2	43886	1/2	54390	1/2	64893	1/2	75397		
3/4	2095	3/4	12598	3/4	23099	3/4	33601	3/4	44105	3/4	54608	3/4	65112	3/4	75616		
4	2314	4	12816	4	23318	4	33819	4	44323	4	54827	4	65331	4	75835		
1/4	2533	1/4	13035	1/4	23537	1/4	34038	1/4	44542	1/4	55046	1/4	65550	1/4	76053		
1/2	2752	1/2	13254	1/2	23756	1/2	34257	1/2	44761	1/2	55265	1/2	65769	1/2	76272		
3/4	2970	3/4	13473	3/4	23974	3/4	34476	3/4	44980	3/4	55484	3/4	65988	3/4	76491		
5	3189	5	13692	5	24193	5	34695	5	45199	5	55703	5	66206	5	76710		
1/4	3408	1/4	13910	1/4	24412	1/4	34914	1/4	45418	1/4	55921	1/4	66425	1/4	76929		
1/2	3627	1/2	14129	1/2	24631	1/2	35132	1/2	45636	1/2	56140	1/2	66644	1/2	77147		
3/4	3846	3/4	14348	3/4	24849	3/4	35351	3/4	45855	3/4	56359	3/4	66863	3/4	77366		
6	4064	6	14567	6	25068	6	35570	6	46074	6	56578	6	67082	6	77585		
1/4	4283	1/4	14786	1/4	25287	1/4	35789	1/4	46293	1/4	56797	1/4	67300	1/4	77804		
1/2	4502	1/2	15004	1/2	25506	1/2	36008	1/2	46512	1/2	57016	1/2	67519	1/2	78023		
3/4	4721	3/4	15223	3/4	25724	3/4	36227	3/4	46731	3/4	57234	3/4	67738	3/4	78242		
7	4940	7	15442	7	25943	7	36445	7	46949	7	57453	7	67957	7	78460		
1/4	5158	1/4	15661	1/4	26162	1/4	36664	1/4	47168	1/4	57672	1/4	68176	1/4	78679		
1/2	5377	1/2	15880	1/2	26381	1/2	36883	1/2	47387	1/2	57891	1/2	68395	1/2	78898		
3/4	5596	3/4	16098	3/4	26600	3/4	37102	3/4	47606	3/4	58110	3/4	68613	3/4	79117		
8	5815	8	16317	8	26818	8	37321	8	47825	8	58329	8	68832	8	79336		
1/4	6034	1/4	16536	1/4	27037	1/4	37540	1/4	48044	1/4	58547	1/4	69051	1/4	79554		
1/2	6252	1/2	16755	1/2	27256	1/2	37758	1/2	48262	1/2	58766	1/2	69270	1/2	79773		
3/4	6471	3/4	16974	3/4	27475	3/4	37977	3/4	48481	3/4	58985	3/4	69489	3/4	79992		
9	6690	9	17192	9	27693	9	38196	9	48700	9	59204	9	69708	9	80211		
1/4	6909	1/4	17411	1/4	27912	1/4	38415	1/4	48919	1/4	59423	1/4	69926	1/4	80430		
1/2	7128	1/2	17630	1/2	28131	1/2	38634	1/2	49138	1/2	59641	1/2	70145	1/2	80649		
3/4	7346	3/4	17849	3/4	28350	3/4	38853	3/4	49356	3/4	59860	3/4	70364	3/4	80867		
10	7565	10	18068	10	28568	10	39071	10	49575	10	60079	10	70583	10	81086		
1/4	7784	1/4	18286	1/4	28787	1/4	39290	1/4	49794	1/4	60298	1/4	70802	1/4	81305		
1/2	8003	1/2	18505	1/2	29006	1/2	39509	1/2	50013	1/2	60517	1/2	71020	1/2	81524		
3/4	8222	3/4	18724	3/4	29225	3/4	39728	3/4	50232	3/4	60736	3/4	71239	3/4	81743		
11	8440	11	18943	11	29444	11	39947	11	50451	11	60954	11	71458	11	81962		
1/4	8659	1/4	19162	1/4	29662	1/4	40166	1/4	50669	1/4	61173	1/4	71677	1/4	82180		
1/2	8878	1/2	19380	1/2	29881	1/2	40384	1/2	50888	1/2	61392	1/2	71896	1/2	82399		
3/4	9097	3/4	19599	3/4	30100	3/4	40603	3/4	51107	3/4	61611	3/4	72115	3/4	82618		

VOLUME OF SOUP

COMPUTATION IN ACCORDANCE WITH API MPMS CHAPTER 2.7

GAUGE FROM GAUGE HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

Calibrated

VOLUME OF SOAP
COMPLIATION IN ACCORDANCE WITH API MPMS CHAPTER 2.7

GAUGE FROM GAUGE HATCH LOCATED NEAR GEOME IN CENTER OF TANK

Calibrated
K17AH
WHF
72115
82618

DOUBLE SKIN BARGE

"RCT - 12"

TANK: 3

CAPACITIES IN U.S. GALLONS

HULL # 862870

TOTAL GAUGE HEIGHT: 15' 08" 7/8"

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT
0	82837	93340	103842	114344	124846	135350	145854	
1/4	83056	93559	104061	114563	125065	135569	146073	0
1/2	83274	93778	104280	114782	125284	135788	146292	1/4
3/4	83493	93996	104499	115001	125503	136007	146510	1/2
1	83712	94215	104717	115219	125722	136225	146729	3/4
1/4	83931	94434	104936	115438	125941	136444	146948	1
1/2	84150	94653	105155	115657	126159	136663	147167	1/4
3/4	84369	94872	105374	115876	126378	136882	147386	1/2
2	84587	95090	105592	116095	126597	137101	147605	3/4
1/4	84806	95309	105811	116313	126816	137320	147823	2
1/2	85025	95528	106030	116532	127035	137538	148042	1/4
3/4	85244	95747	106249	116751	127254	137757	148257	1/2
3	85463	95966	106468	116970	127472	137976	148462	3/4
1/4	85681	96184	106686	117189	127691	138195	148658	1
1/2	85900	96403	106905	117407	127910	138414	148845	1/4
3/4	86119	96622	107124	117626	128129	138633	149022	1/2
4	86338	96841	107343	117845	128348	138851	149191	3/4
1/4	86557	97059	107562	118064	128566	139070	149351	1
1/2	86776	97278	107780	118283	128785	139289	149501	1/4
3/4	86994	97497	107999	118501	129004	139508	149642	1/2
5	87213	97716	108218	118720	129223	139727	149775	3/4
1/4	87432	97935	108437	118939	129442	139946	149898	1
1/2	87651	98153	108656	119158	129661	140164	150012	1/4
3/4	87870	98372	108874	119377	129879	140383	150117	1/2
6	88088	98591	109093	119595	130098	140602	150212	3/4
1/4	88307	98810	109312	119814	130317	140821	150299	1
1/2	88526	99029	109531	120033	130536	141040	150376	1/4
3/4	88745	99247	109750	120252	130755	141259	150445	1/2
7	88964	99466	109968	120471	130974	141477	150504	3/4
1/4	89183	99685	110187	120689	131192	141696	150554	1
1/2	89401	99904	110406	120908	131411	141915	150595	1/4
3/4	89620	100123	110625	121127	131630	142134	150627	1/2
8	89839	100341	110844	121346	131849	142353	150650	3/4
1/4	90058	100560	111062	121564	132068	142572	150664	1
1/2	90277	100779	111281	121783	132287	142790	150668	1/4
3/4	90496	100998	111500	122002	132505	143009		1/2
9	90714	101217	111719	122221	132724	143228		3/4
1/4	90933	101435	111938	122440	132943	143447		1
1/2	91152	101654	112156	122658	133162	143666		1/4
3/4	91371	101873	112375	122877	133381	143885		1/2
10	91590	102092	112594	123096	133600	144103		3/4
1/4	91808	102311	112813	123315	133818	144322		1
1/2	92027	102529	113031	123534	134037	144541		1/4
3/4	92246	102748	113250	123752	134256	144760		1/2
11	92465	102967	113469	123971	134475	144979		3/4
1/4	92684	103186	113688	124190	134694	145197		1
1/2	92902	103405	113907	124409	134913	145416		1/4
3/4	93121	103623	114125	124628	135131	145635		1/2

THIS TABLE IS SCALD FROM THE BOTTOM STRIKE POINT BELOW THE GAUGE HATCH TO TOP OF THE TANK AT CENTERLINE

IF SCALDING FROM THE BOTTOM STRIKE POINT, THE TOTAL HEIGHT TO TOP OF VALVE IS

ADJUSTMENT TO INWARD GAUGE IS

15' 08" 7/8"

Calibrated: KTAH

Checked: WHE