



# Dipstick Calibration Chart

12K Main

Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]
1/8	0	4 5/8	107	9 1/8	311	13 5/8	585	18 1/8	915
1/4	1	4 3/4	112	9 1/4	318	13 3/4	593	18 1/4	925
3/8	2	4 7/8	116	9 3/8	325	13 7/8	601	18 3/8	935
1/2	3	5	121	9 1/2	331	14	610	18 1/2	944
5/8	5	5 1/8	126	9 5/8	338	14 1/8	619	18 5/8	954
3/4	6	5 1/4	131	9 3/4	345	14 1/4	627	18 3/4	965
7/8	8	5 3/8	135	9 7/8	352	14 3/8	636	18 7/8	975
1	10	5 1/2	140	10	359	14 1/2	645	19	985
1 1/8	12	5 5/8	145	10 1/8	366	14 5/8	653	19 1/8	995
1 1/4	14	5 3/4	151	10 1/4	374	14 3/4	662	19 1/4	1,005
1 3/8	16	5 7/8	156	10 3/8	381	14 7/8	671	19 3/8	1,015
1 1/2	19	6	161	10 1/2	388	15	680	19 1/2	1,026
1 5/8	21	6 1/8	166	10 5/8	395	15 1/8	689	19 5/8	1,036
1 3/4	24	6 1/4	172	10 3/4	403	15 1/4	698	19 3/4	1,046
1 7/8	26	6 3/8	177	10 7/8	410	15 3/8	707	19 7/8	1,056
2	29	6 1/2	182	11	417	15 1/2	716	20	1,067
2 1/8	32	6 5/8	188	11 1/8	425	15 5/8	725	20 1/8	1,077
2 1/4	35	6 3/4	194	11 1/4	432	15 3/4	734	20 1/4	1,088
2 3/8	38	6 7/8	199	11 3/8	440	15 7/8	743	20 3/8	1,098
2 1/2	41	7	205	11 1/2	448	16	752	20 1/2	1,109
2 5/8	44	7 1/8	211	11 5/8	455	16 1/8	762	20 5/8	1,119
2 3/4	48	7 1/4	217	11 3/4	463	16 1/4	771	20 3/4	1,130
2 7/8	51	7 3/8	223	11 7/8	471	16 3/8	780	20 7/8	1,141
3	54	7 1/2	228	12	479	16 1/2	790	21	1,151
3 1/8	58	7 5/8	235	12 1/8	487	16 5/8	799	21 1/8	1,162
3 1/4	62	7 3/4	241	12 1/4	494	16 3/4	808	21 1/4	1,173
3 3/8	65	7 7/8	247	12 3/8	502	16 7/8	818	21 3/8	1,183
3 1/2	69	8	253	12 1/2	510	17	827	21 1/2	1,194
3 5/8	73	8 1/8	259	12 5/8	518	17 1/8	837	21 5/8	1,205
3 3/4	77	8 1/4	265	12 3/4	527	17 1/4	847	21 3/4	1,216
3 7/8	81	8 3/8	272	12 7/8	535	17 3/8	856	21 7/8	1,227
4	85	8 1/2	278	13	543	17 1/2	866	22	1,238
4 1/8	89	8 5/8	285	13 1/8	551	17 5/8	876	22 1/8	1,249
4 1/4	94	8 3/4	291	13 1/4	559	17 3/4	885	22 1/4	1,260
4 3/8	98	8 7/8	298	13 3/8	568	17 7/8	895	22 3/8	1,271
4 1/2	103	9	304	13 1/2	576	18	905	22 1/2	1,282



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22 5/8	1,293	27 1/8	1,712	31 5/8	2,166	36 1/8	2,649	40 5/8	3,156
22 3/4	1,304	27 1/4	1,724	31 3/4	2,179	36 1/4	2,663	40 3/4	3,170
22 7/8	1,315	27 3/8	1,736	31 7/8	2,192	36 3/8	2,676	40 7/8	3,185
23	1,326	27 1/2	1,748	32	2,205	36 1/2	2,690	41	3,199
23 1/8	1,338	27 5/8	1,761	32 1/8	2,218	36 5/8	2,704	41 1/8	3,214
23 1/4	1,349	27 3/4	1,773	32 1/4	2,231	36 3/4	2,718	41 1/4	3,228
23 3/8	1,360	27 7/8	1,785	32 3/8	2,244	36 7/8	2,732	41 3/8	3,243
23 1/2	1,371	28	1,798	32 1/2	2,257	37	2,746	41 1/2	3,257
23 5/8	1,383	28 1/8	1,810	32 5/8	2,271	37 1/8	2,760	41 5/8	3,272
23 3/4	1,394	28 1/4	1,822	32 3/4	2,284	37 1/4	2,774	41 3/4	3,286
23 7/8	1,405	28 3/8	1,835	32 7/8	2,297	37 3/8	2,787	41 7/8	3,301
24	1,417	28 1/2	1,847	33	2,310	37 1/2	2,801	42	3,315
24 1/8	1,428	28 5/8	1,860	33 1/8	2,324	37 5/8	2,815	42 1/8	3,330
24 1/4	1,440	28 3/4	1,872	33 1/4	2,337	37 3/4	2,829	42 1/4	3,344
24 3/8	1,451	28 7/8	1,885	33 3/8	2,350	37 7/8	2,843	42 3/8	3,359
24 1/2	1,463	29	1,897	33 1/2	2,364	38	2,857	42 1/2	3,373
24 5/8	1,474	29 1/8	1,910	33 5/8	2,377	38 1/8	2,872	42 5/8	3,388
24 3/4	1,486	29 1/4	1,922	33 3/4	2,390	38 1/4	2,886	42 3/4	3,403
24 7/8	1,498	29 3/8	1,935	33 7/8	2,404	38 3/8	2,900	42 7/8	3,417
25	1,509	29 1/2	1,947	34	2,417	38 1/2	2,914	43	3,432
25 1/8	1,521	29 5/8	1,960	34 1/8	2,431	38 5/8	2,928	43 1/8	3,447
25 1/4	1,533	29 3/4	1,973	34 1/4	2,444	38 3/4	2,942	43 1/4	3,461
25 3/8	1,544	29 7/8	1,985	34 3/8	2,458	38 7/8	2,956	43 3/8	3,476
25 1/2	1,556	30	1,998	34 1/2	2,471	39	2,970	43 1/2	3,491
25 5/8	1,568	30 1/8	2,011	34 5/8	2,485	39 1/8	2,985	43 5/8	3,505
25 3/4	1,580	30 1/4	2,024	34 3/4	2,498	39 1/4	2,999	43 3/4	3,520
25 7/8	1,592	30 3/8	2,036	34 7/8	2,512	39 3/8	3,013	43 7/8	3,535
26	1,604	30 1/2	2,049	35	2,526	39 1/2	3,027	44	3,549
26 1/8	1,616	30 5/8	2,062	35 1/8	2,539	39 5/8	3,041	44 1/8	3,564
26 1/4	1,627	30 3/4	2,075	35 1/4	2,553	39 3/4	3,056	44 1/4	3,579
26 3/8	1,639	30 7/8	2,088	35 3/8	2,566	39 7/8	3,070	44 3/8	3,594
26 1/2	1,651	31	2,101	35 1/2	2,580	40	3,084	44 1/2	3,609
26 5/8	1,663	31 1/8	2,114	35 5/8	2,594	40 1/8	3,099	44 5/8	3,623
26 3/4	1,676	31 1/4	2,127	35 3/4	2,608	40 1/4	3,113	44 3/4	3,638
26 7/8	1,688	31 3/8	2,140	35 7/8	2,621	40 3/8	3,127	44 7/8	3,653
27	1,700	31 1/2	2,153	36	2,635	40 1/2	3,142	45	3,668



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Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]
45 1/8	3,683	49 5/8	4,224	54 1/8	4,776	58 5/8	5,333	63 1/8	5,891
45 1/4	3,698	49 3/4	4,239	54 1/4	4,791	58 3/4	5,348	63 1/4	5,907
45 3/8	3,712	49 7/8	4,254	54 3/8	4,806	58 7/8	5,364	63 3/8	5,922
45 1/2	3,727	50	4,270	54 1/2	4,822	59	5,379	63 1/2	5,938
45 5/8	3,742	50 1/8	4,285	54 5/8	4,837	59 1/8	5,395	63 5/8	5,953
45 3/4	3,757	50 1/4	4,300	54 3/4	4,853	59 1/4	5,410	63 3/4	5,969
45 7/8	3,772	50 3/8	4,315	54 7/8	4,868	59 3/8	5,426	63 7/8	5,984
46	3,787	50 1/2	4,331	55	4,884	59 1/2	5,441	64	6,000
46 1/8	3,802	50 5/8	4,346	55 1/8	4,899	59 5/8	5,457	64 1/8	6,015
46 1/4	3,817	50 3/4	4,361	55 1/4	4,914	59 3/4	5,472	64 1/4	6,031
46 3/8	3,832	50 7/8	4,376	55 3/8	4,930	59 7/8	5,488	64 3/8	6,046
46 1/2	3,847	51	4,392	55 1/2	4,945	60	5,503	64 1/2	6,062
46 5/8	3,862	51 1/8	4,407	55 5/8	4,961	60 1/8	5,519	64 5/8	6,077
46 3/4	3,877	51 1/4	4,422	55 3/4	4,976	60 1/4	5,535	64 3/4	6,093
46 7/8	3,892	51 3/8	4,438	55 7/8	4,992	60 3/8	5,550	64 7/8	6,108
47	3,907	51 1/2	4,453	56	5,007	60 1/2	5,566	65	6,123
47 1/8	3,922	51 5/8	4,468	56 1/8	5,023	60 5/8	5,581	65 1/8	6,139
47 1/4	3,937	51 3/4	4,483	56 1/4	5,038	60 3/4	5,597	65 1/4	6,154
47 3/8	3,952	51 7/8	4,499	56 3/8	5,054	60 7/8	5,612	65 3/8	6,170
47 1/2	3,967	52	4,514	56 1/2	5,069	61	5,628	65 1/2	6,185
47 5/8	3,982	52 1/8	4,529	56 5/8	5,085	61 1/8	5,643	65 5/8	6,201
47 3/4	3,997	52 1/4	4,545	56 3/4	5,100	61 1/4	5,659	65 3/4	6,216
47 7/8	4,012	52 3/8	4,560	56 7/8	5,116	61 3/8	5,674	65 7/8	6,231
48	4,027	52 1/2	4,575	57	5,131	61 1/2	5,690	66	6,247
48 1/8	4,042	52 5/8	4,591	57 1/8	5,147	61 5/8	5,705	66 1/8	6,262
48 1/4	4,057	52 3/4	4,606	57 1/4	5,162	61 3/4	5,721	66 1/4	6,278
48 3/8	4,072	52 7/8	4,622	57 3/8	5,178	61 7/8	5,736	66 3/8	6,293
48 1/2	4,088	53	4,637	57 1/2	5,193	62	5,752	66 1/2	6,309
48 5/8	4,103	53 1/8	4,652	57 5/8	5,209	62 1/8	5,767	66 5/8	6,324
48 3/4	4,118	53 1/4	4,668	57 3/4	5,224	62 1/4	5,783	66 3/4	6,339
48 7/8	4,133	53 3/8	4,683	57 7/8	5,240	62 3/8	5,798	66 7/8	6,355
49	4,148	53 1/2	4,698	58	5,255	62 1/2	5,814	67	6,370
49 1/8	4,163	53 5/8	4,714	58 1/8	5,271	62 5/8	5,829	67 1/8	6,385
49 1/4	4,178	53 3/4	4,729	58 1/4	5,286	62 3/4	5,845	67 1/4	6,401
49 3/8	4,194	53 7/8	4,745	58 3/8	5,302	62 7/8	5,860	67 3/8	6,416
49 1/2	4,209	54	4,760	58 1/2	5,317	63	5,876	67 1/2	6,432



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Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]
67 5/8	6,447	72 1/8	6,995	76 5/8	7,531	81 1/8	8,051	85 5/8	8,549
67 3/4	6,462	72 1/4	7,010	76 3/4	7,546	81 1/4	8,065	85 3/4	8,563
67 7/8	6,478	72 3/8	7,025	76 7/8	7,560	81 3/8	8,079	85 7/8	8,576
68	6,493	72 1/2	7,040	77	7,575	81 1/2	8,093	86	8,590
68 1/8	6,508	72 5/8	7,055	77 1/8	7,590	81 5/8	8,107	86 1/8	8,603
68 1/4	6,524	72 3/4	7,070	77 1/4	7,604	81 3/4	8,121	86 1/4	8,617
68 3/8	6,539	72 7/8	7,085	77 3/8	7,619	81 7/8	8,135	86 3/8	8,630
68 1/2	6,554	73	7,100	77 1/2	7,634	82	8,150	86 1/2	8,643
68 5/8	6,569	73 1/8	7,115	77 5/8	7,648	82 1/8	8,164	86 5/8	8,657
68 3/4	6,585	73 1/4	7,130	77 3/4	7,663	82 1/4	8,178	86 3/4	8,670
68 7/8	6,600	73 3/8	7,145	77 7/8	7,677	82 3/8	8,192	86 7/8	8,683
69	6,615	73 1/2	7,160	78	7,692	82 1/2	8,206	87	8,697
69 1/8	6,631	73 5/8	7,175	78 1/8	7,706	82 5/8	8,220	87 1/8	8,710
69 1/4	6,646	73 3/4	7,190	78 1/4	7,721	82 3/4	8,233	87 1/4	8,723
69 3/8	6,661	73 7/8	7,205	78 3/8	7,735	82 7/8	8,247	87 3/8	8,736
69 1/2	6,676	74	7,220	78 1/2	7,750	83	8,261	87 1/2	8,750
69 5/8	6,692	74 1/8	7,235	78 5/8	7,764	83 1/8	8,275	87 5/8	8,763
69 3/4	6,707	74 1/4	7,250	78 3/4	7,779	83 1/4	8,289	87 3/4	8,776
69 7/8	6,722	74 3/8	7,265	78 7/8	7,793	83 3/8	8,303	87 7/8	8,789
70	6,737	74 1/2	7,280	79	7,808	83 1/2	8,317	88	8,802
70 1/8	6,753	74 5/8	7,295	79 1/8	7,822	83 5/8	8,331	88 1/8	8,815
70 1/4	6,768	74 3/4	7,309	79 1/4	7,837	83 3/4	8,344	88 1/4	8,828
70 3/8	6,783	74 7/8	7,324	79 3/8	7,851	83 7/8	8,358	88 3/8	8,841
70 1/2	6,798	75	7,339	79 1/2	7,865	84	8,372	88 1/2	8,854
70 5/8	6,813	75 1/8	7,354	79 5/8	7,880	84 1/8	8,386	88 5/8	8,867
70 3/4	6,829	75 1/4	7,369	79 3/4	7,894	84 1/4	8,399	88 3/4	8,880
70 7/8	6,844	75 3/8	7,384	79 7/8	7,908	84 3/8	8,413	88 7/8	8,893
71	6,859	75 1/2	7,398	80	7,923	84 1/2	8,427	89	8,906
71 1/8	6,874	75 5/8	7,413	80 1/8	7,937	84 5/8	8,441	89 1/8	8,919
71 1/4	6,889	75 3/4	7,428	80 1/4	7,951	84 3/4	8,454	89 1/4	8,932
71 3/8	6,904	75 7/8	7,443	80 3/8	7,966	84 7/8	8,468	89 3/8	8,945
71 1/2	6,919	76	7,458	80 1/2	7,980	85	8,481	89 1/2	8,958
71 5/8	6,935	76 1/8	7,472	80 5/8	7,994	85 1/8	8,495	89 5/8	8,971
71 3/4	6,950	76 1/4	7,487	80 3/4	8,008	85 1/4	8,509	89 3/4	8,983
71 7/8	6,965	76 3/8	7,502	80 7/8	8,022	85 3/8	8,522	89 7/8	8,996
72	6,980	76 1/2	7,516	81	8,037	85 1/2	8,536	90	9,009



# Dipstick Calibration Chart

# 12K Main

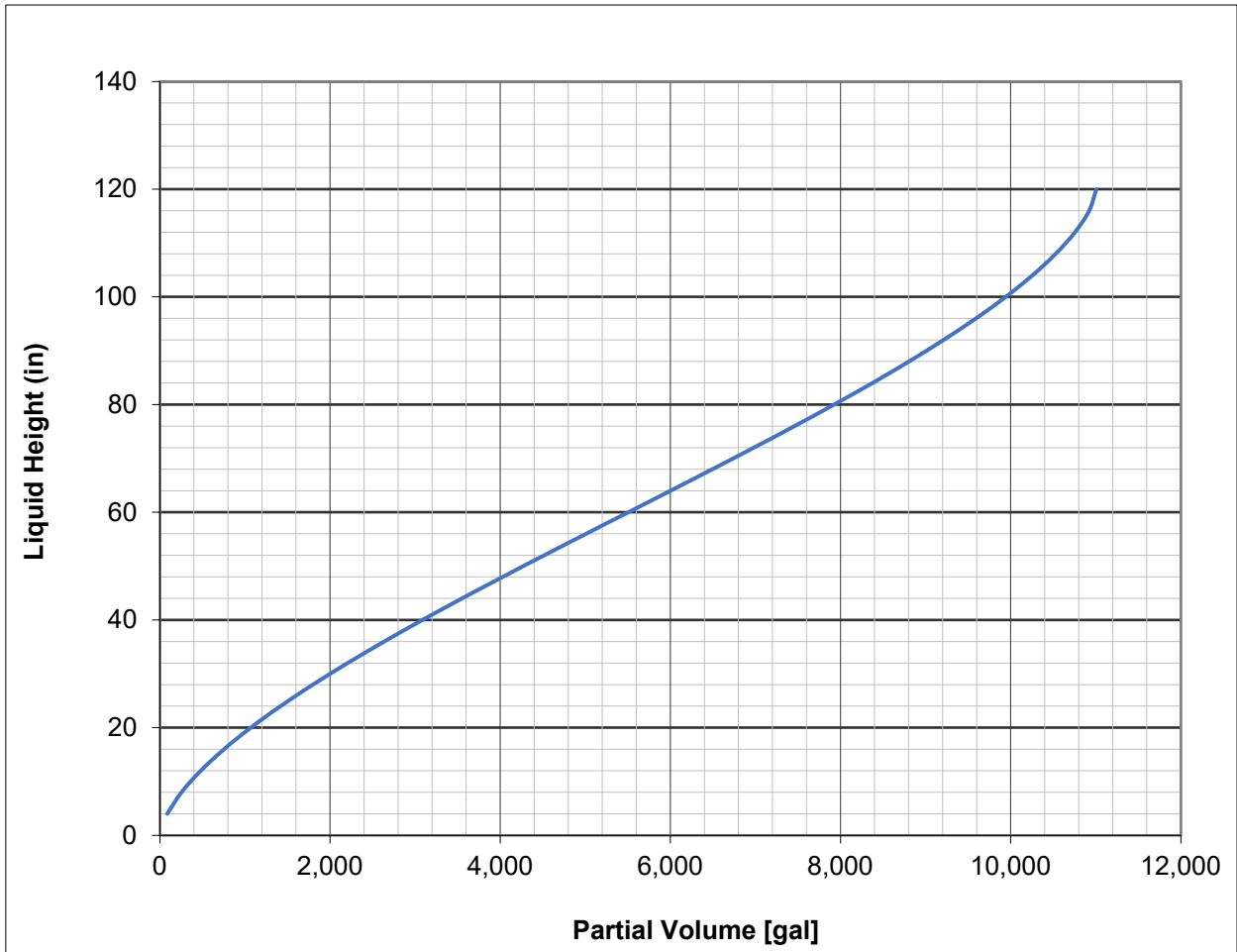
Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]
90 1/8	9,022	94 5/8	9,463	99 1/8	9,866	103 5/8	10,227	108 1/8	10,536
90 1/4	9,034	94 3/4	9,474	99 1/4	9,877	103 3/4	10,236	108 1/4	10,544
90 3/8	9,047	94 7/8	9,486	99 3/8	9,888	103 7/8	10,245	108 3/8	10,552
90 1/2	9,060	95	9,498	99 1/2	9,898	104	10,255	108 1/2	10,559
90 5/8	9,072	95 1/8	9,509	99 5/8	9,909	104 1/8	10,264	108 5/8	10,567
90 3/4	9,085	95 1/4	9,521	99 3/4	9,919	104 1/4	10,273	108 3/4	10,575
90 7/8	9,097	95 3/8	9,533	99 7/8	9,930	104 3/8	10,282	108 7/8	10,582
91	9,110	95 1/2	9,544	100	9,940	104 1/2	10,291	109	10,590
91 1/8	9,122	95 5/8	9,556	100 1/8	9,950	104 5/8	10,300	109 1/8	10,597
91 1/4	9,135	95 3/4	9,567	100 1/4	9,961	104 3/4	10,309	109 1/4	10,604
91 3/8	9,147	95 7/8	9,579	100 3/8	9,971	104 7/8	10,318	109 3/8	10,612
91 1/2	9,160	96	9,590	100 1/2	9,981	105	10,327	109 1/2	10,619
91 5/8	9,172	96 1/8	9,602	100 5/8	9,992	105 1/8	10,336	109 5/8	10,626
91 3/4	9,185	96 1/4	9,613	100 3/4	10,002	105 1/4	10,345	109 3/4	10,633
91 7/8	9,197	96 3/8	9,624	100 7/8	10,012	105 3/8	10,354	109 7/8	10,641
92	9,209	96 1/2	9,636	101	10,022	105 1/2	10,362	110	10,648
92 1/8	9,222	96 5/8	9,647	101 1/8	10,032	105 5/8	10,371	110 1/8	10,655
92 1/4	9,234	96 3/4	9,658	101 1/4	10,042	105 3/4	10,380	110 1/4	10,662
92 3/8	9,246	96 7/8	9,669	101 3/8	10,052	105 7/8	10,388	110 3/8	10,669
92 1/2	9,259	97	9,681	101 1/2	10,062	106	10,397	110 1/2	10,676
92 5/8	9,271	97 1/8	9,692	101 5/8	10,072	106 1/8	10,406	110 5/8	10,682
92 3/4	9,283	97 1/4	9,703	101 3/4	10,082	106 1/4	10,414	110 3/4	10,689
92 7/8	9,295	97 3/8	9,714	101 7/8	10,092	106 3/8	10,422	110 7/8	10,696
93	9,307	97 1/2	9,725	102	10,102	106 1/2	10,431	111	10,703
93 1/8	9,319	97 5/8	9,736	102 1/8	10,112	106 5/8	10,439	111 1/8	10,709
93 1/4	9,331	97 3/4	9,747	102 1/4	10,122	106 3/4	10,448	111 1/4	10,716
93 3/8	9,343	97 7/8	9,758	102 3/8	10,131	106 7/8	10,456	111 3/8	10,722
93 1/2	9,356	98	9,769	102 1/2	10,141	107	10,464	111 1/2	10,729
93 5/8	9,368	98 1/8	9,780	102 5/8	10,151	107 1/8	10,472	111 5/8	10,735
93 3/4	9,379	98 1/4	9,791	102 3/4	10,160	107 1/4	10,480	111 3/4	10,742
93 7/8	9,391	98 3/8	9,802	102 7/8	10,170	107 3/8	10,488	111 7/8	10,748
94	9,403	98 1/2	9,813	103	10,180	107 1/2	10,497	112	10,754
94 1/8	9,415	98 5/8	9,824	103 1/8	10,189	107 5/8	10,505	112 1/8	10,760
94 1/4	9,427	98 3/4	9,834	103 1/4	10,199	107 3/4	10,513	112 1/4	10,766
94 3/8	9,439	98 7/8	9,845	103 3/8	10,208	107 7/8	10,520	112 3/8	10,772
94 1/2	9,451	99	9,856	103 1/2	10,217	108	10,528	112 1/2	10,778



# Dipstick Calibration Chart

12K Main

Dipstick [in]	QTY [Gallons]	Dipstick [in]	QTY [Gallons]
112 5/8	10,784	117 1/8	10,956
112 3/4	10,790	117 1/4	10,959
112 7/8	10,796	117 3/8	10,963
113	10,802	117 1/2	10,966
113 1/8	10,808	117 5/8	10,969
113 1/4	10,813	117 3/4	10,972
113 3/8	10,819	117 7/8	10,975
113 1/2	10,824	118	10,978
113 5/8	10,830	118 1/8	10,981
113 3/4	10,835	118 1/4	10,983
113 7/8	10,841	118 3/8	10,986
114	10,846	118 1/2	10,988
114 1/8	10,851	118 5/8	10,991
114 1/4	10,856	118 3/4	10,993
114 3/8	10,862	118 7/8	10,995
114 1/2	10,867	119	10,997
114 5/8	10,872	119 1/8	10,999
114 3/4	10,876	119 1/4	11,001
114 7/8	10,881	119 3/8	11,002
115	10,886	119 1/2	11,004
115 1/8	10,891	119 5/8	11,005
115 1/4	10,895	119 3/4	11,006
115 3/8	10,900	119 7/8	11,007
115 1/2	10,904	120	11,007
115 5/8	10,909		
115 3/4	10,913		
115 7/8	10,917		
116	10,922		
116 1/8	10,926		
116 1/4	10,930		
116 3/8	10,934		
116 1/2	10,938		
116 5/8	10,942		
116 3/4	10,945		
116 7/8	10,949		
117	10,953		



T1 Delta Height		
#	Measured Height	Calculated Vol.
1	29.69	1,960
2	94.66	9,463

Load Delivered	Calculated (2-1)
7500	7502
<b>% Diff =</b>	<b>0.03%</b>