



Roth DWT Fuel Content by Fill Height

400L 110 (gal)

620L 165 (gal)

1000L 275 (gal)

Fuel Level	
in	mm
1	25.4
2	50.8
3	76.2
4	101.6
5	127.0
6	152.4
7	177.8
8	203.2
9	228.6
10	254.0
11	279.4
12	304.8
13	330.2
14	355.6
15	381.0
16	406.4
17	431.8
18	457.2
19	482.6
20	508.0
21	533.4
22	558.8
23	584.2
24	609.6
25	635.0
26	660.4
27	685.8
28	711.2
29	736.6
30	762.0
31	787.4
32	812.8
33	838.2
34	863.6
35	889.0
36	914.4
37	939.8
38	965.2
39	990.6
40	1016.0
41	1041.4
42	1066.8
43	1092.2
44	1117.6
45	1143.0
46	1168.4
47	1193.8
48	1219.2
49	1244.6
50	1270.0
51	1295.4
52	1320.8
53	1346.2
54	1371.6
55	1397.0
56	1422.4

Fuel Content		
US gal	Litres	% Full
5	19	4%
9	34	8%
10	38	9%
14	53	12%
16	61	14%
18	68	16%
22	83	19%
25	95	22%
27	102	23%
29	110	25%
34	129	30%
36	136	31%
38	144	33%
40	151	35%
45	170	39%
47	178	41%
49	185	43%
51	193	44%
56	212	49%
58	220	50%
60	227	52%
65	246	57%
67	254	58%
70	265	61%
72	273	63%
77	291	67%
79	299	69%
81	307	70%
84	318	73%
89	337	77%
91	344	79%
93	352	81%
98	371	85%
100	379	87%
102	386	89%
104	394	90%
109	413	95%

Fuel Content		
US gal	Litres	% Full
5	19	3%
9	34	5%
10	38	6%
14	53	9%
16	61	10%
18	68	11%
22	83	14%
25	95	16%
27	102	17%
29	110	18%
34	129	21%
36	136	22%
38	144	23%
40	151	25%
45	170	27%
47	178	29%
49	185	30%
51	193	31%
56	212	34%
58	220	35%
60	227	37%
65	246	39%
67	254	41%
70	265	42%
72	273	44%
77	291	47%
79	299	48%
81	307	49%
84	318	51%
89	337	54%
91	344	55%
93	352	57%
98	371	59%
100	379	61%
102	386	62%
104	394	63%
109	413	66%
112	424	68%
114	431	69%
116	439	70%
120	454	73%
123	466	75%
125	473	76%
127	481	77%
132	500	80%
134	507	82%
137	519	83%
141	534	86%
144	545	87%
146	553	89%
148	560	90%
153	579	93%
155	587	94%
157	594	95%

Fuel Content		
US gal	Litres	% Full
9	34	3%
15	57	5%
16	61	6%
24	91	9%
27	102	10%
31	117	11%
38	144	14%
42	159	16%
45	170	17%
48	182	18%
57	216	21%
60	227	22%
64	242	23%
68	257	25%
75	284	27%
79	299	29%
82	310	30%
86	326	31%
93	352	34%
97	367	35%
101	382	37%
108	409	39%
113	428	41%
116	439	42%
120	454	44%
128	484	47%
132	500	48%
135	511	49%
140	530	51%
148	560	54%
152	575	55%
156	590	57%
164	621	59%
167	632	61%
171	647	62%
174	659	63%
182	689	66%
186	704	68%
190	719	69%
193	731	70%
201	761	73%
205	776	75%
209	791	76%
213	806	77%
221	836	80%
224	848	82%
228	863	83%
236	893	86%
240	908	87%
245	927	89%
248	939	90%
255	965	93%
259	980	94%
263	995	95%

*Any fuel oil storage tank can only be filled to a maximum of 95% capacity.
Filling in this area is not permitted!*

The length of the Roth Vent Whistle tube may further reduce the maximum fill.

Smoky Mountain Emporium, Ltd

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Roth DWT Fuel Content by Fill Height

1000LH

275 (gal) Low Height

Fuel Level	
in	mm
1	25.4
2	50.8
3	76.2
4	101.6
5	127.0
6	152.4
7	177.8
8	203.2
9	228.6
10	254.0
10.5	266.7
11	279.4
12	304.8
13	330.2
14	355.6
15	381.0
16	406.4
17	431.8
18	457.2
19	482.6
19	482.6
20	508.0
21	533.4
22	558.8
23	584.2
24	609.6
25	635.0
25	635.0
26	660.4
27	685.8
28	711.2
29	736.6
30	762.0
31	787.4
31.5	800.1
32	812.8
33	838.2
34	863.6
35	889.0
36	914.4
37	939.8
38	965.2
39	990.6
39.5	1003.3
40	1016.0
41	1041.4
42	1066.8
43	1092.2
44	1117.6
45	1143.0
46	1168.4

Fuel Content		
US gal	Litres	% Full
5	20	2%
11	40	4%
16	60	6%
21	80	8%
26	100	10%
32	120	12%
37	140	13%
42	160	15%
48	180	17%
53	200	19%
58	220	21%
63	240	23%
69	260	25%
74	280	27%
79	300	29%
85	320	31%
90	340	33%
95	360	35%
100	380	37%
106	400	39%
111	420	40%
116	440	42%
122	460	44%
127	480	46%
132	500	48%
137	520	50%
143	540	52%
148	560	54%
153	580	56%
159	600	58%
164	620	60%
169	640	62%
174	660	64%
180	680	66%
185	700	67%
190	720	69%
196	740	71%
201	760	73%
206	780	75%
211	800	77%
217	820	79%
222	840	81%
227	860	83%
232	880	85%
238	900	87%
243	920	89%
248	940	91%
254	960	92%
259	980	94%
262	990	95%

1500L

400 (gal)

Fuel Level	
in	mm
1	25.4
2	50.8
3	76.2
4	101.6
5	127.0
6	152.4
7	177.8
8	203.2
9	228.6
10	254.0
11	279.4
12	304.8
13	330.2
14	355.6
15	381.0
16	406.4
17	431.8
18	457.2
19	482.6
20	508.0
21	533.4
22	558.8
23	584.2
24	609.6
25	635.0
26	660.4
27	685.8
28	711.2
29	736.6
30	762.0
31	787.4
32	812.8
33	838.2
34	863.6
35	889.0
36	914.4
37	939.8
38	965.2
39	990.6
40	1016.0
41	1041.4
42	1066.8
43	1092.2
44	1117.6
45	1143.0
46	1168.4
47	1193.8
48	1219.2
49	1244.6
50	1270.0
51	1295.4
52	1320.8
53	1346.2
54	1371.6
55	1397.0
56	1422.4
57	1447.8
58	1473.2
59	1498.6
60	1524.0
61	1549.4

Fuel Content		
US gal	Litres	% Full
11	40	2%
17	61	
22	82	5%
28	106	
34	130	8%
40	154	
47	178	11%
54	203	
60	228	14%
67	254	
74	280	17%
81	257	
88	334	20%
95	360	
102	387	24%
109	413	
116	440	27%
123	465	
129	490	30%
136	515	
143	540	33%
150	565	
156	590	36%
163	615	
169	640	39%
176	665	
182	690	42%
189	715	
196	740	45%
203	765	
209	790	48%
216	815	
222	840	51%
229	865	
235	890	54%
242	915	
248	940	57%
255	965	
262	990	60%
269	1015	
275	1040	63%
282	1065	
288	1090	67%
295	1117	
302	1143	70%
309	1170	
316	1196	73%
323	1223	
330	1250	76%
337	1278	
345	1305	80%
352	1333	
359	1360	83%
367	1390	
375	1420	87%
383	1450	
391	1480	90%
399	1510	
407	1540	94%
412	1560	95%

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