Permeation Testing Results

.225 Wall Thickness

Diurnal Cycles (# 24 hr cycles)	Can Identification	Can Mfg.	Can Volume (gallons)	Test Dates	Fuel Type	Avg Loss (g/gal/day)
20	.225-30	Chilton	5	10/22-11/15	CERT	0.44
20	.225-29	Chilton	5	10/22-11/15	CERT	0.41
20	.225-28	Chilton	5	10/22-11/15	CERT	0.40
20	.225-27	Chilton	5	10/22-11/15	CERT	0.40
20	.225-26	Chilton	5	10/22-11/15	CERT	0.41
20	.225-25	Chilton	5	10/22-11/15	CERT	0.40
					Average	0.41

.200 Wall Thickness

Diurnal Cycles (# 24 hr cycles)	Can Identification	Can Mfg.	Can Volume (gallons)	Test Dates	Fuel Type	Avg Loss (g/gal/day)
20	.200-24	Chilton	5	10/22-11/15	CERT	0.52
20	.200-23	Chilton	5	10/22-11/15	CERT	0.53
20	.200-22	Chilton	5	10/22-11/15	CERT	0.51
20	.200-21	Chilton	5	10/22-11/15	CERT	0.55
20	.200-20	Chilton	5	10/22-11/15	CERT	0.51
20	.200-19	Chilton	5	10/22-11/15	CERT	0.52
					Average	0.52

.150 Wall Thickness

Diurnal Cycles (# 24 hr cycles)	Can Identification	Can Mfg.	Can Volume (gallons)	Test Dates	Fuel Type	Avg Loss (g/gal/day)
20	.150-18	Chilton	5	10/22-11/15	CERT	0.58
20	.150-17	Chilton	5	10/22-11/15	CERT	0.59
20	.150-16	Chilton	5	10/22-11/15	CERT	0.56
20	.150-15	Chilton	5	10/22-11/15	CERT	0.60
20	.150-14	Chilton	5	10/22-11/15	CERT	0.63
20	.150-13	Chilton	5	10/22-11/15	CERT	0.58
					Average	0.59

.080 Wall Thickness

Diurnal Cycles (# 24 hr cycles)	Can Identification	Can Mfg.	Can Volume (gallons)	Test Dates	Fuel Type	Avg Loss (g/gal/day)
20	.080-12	Chilton	5	10/22-11/15	CERT	0.91
20	.080-11	Chilton	5	10/22-11/15	CERT	0.94
20	.080-10	Chilton	5	10/22-11/15	CERT	0.99
20	.080-9	Chilton	5	10/22-11/15	CERT	0.89
20	.080-8	Chilton	5	10/22-11/15	CERT	0.91
20	.080-7	Chilton	5	10/22-11/15	CERT	0.93
20	.080-6	Chilton	5	10/22-11/15	CERT	0.99
20	.080-5	Chilton	5	10/22-11/15	CERT	1.00
20	.080-4	Chilton	5	10/22-11/15	CERT	0.92
20	.080-3	Chilton	5	10/22-11/15	CERT	0.93
20	.080-2	Chilton	5	10/22-11/15	CERT	0.88
20	.080-1	Chilton	5	10/22-11/15	CERT	0.96
					Average	0.93

Permeation Tests

.225-30

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14680.4	14673.2	2.4	9.25	535.0	4.34	0.55	KEL	0.44
10/25	2	14673.2	14671.7	1.5	9.25	535.0	4.34	0.35	KEL	
10/26	3	14671.7	14669.9	1.8	9.25	535.0	4.34	0.41	KEL	
10/27	4	14669.9	14668.1	1.8	9.25	535.0	4.34	0.41	KEL	
10/28	5	14668.1	14665.8	2.3	9.25	535.0	4.34	0.53	KEL	Tare Wt = 2549.4 g
10/29	6	14665.8	14663.9	1.9	9.25	535.0	4.34	0.44	KEL	
10/30	7	14663.9	14662.3	1.6	9.25	535.0	4.34	0.37	KEL	
10/31					9.25	535.0			KEL	
11/1	8	14661.3	14659.7	1.6	9.25	535.0	4.34	0.37	KEL	
11/2	9	14659.7	14657.6	2.1	9.25	535.0	4.33	0.48	KEL	
11/3	10	14657.6	14655.9	1.7	9.25	535.0	4.33	0.39	KEL	
11/4	11	14655.9	14653.6	2.3	9.31	537.8	4.33	0.53	KEL	
11/5					9.31	537.8			KEL	
11/6	12	14652.5	14650.9	1.6	9.31	537.8	4.33	0.37	KEL	
11/7	13	14650.9	14648.7	2.2	9.31	537.8	4.33	0.51	KEL	
11/8	14	14648.7	14646.8	1.9	9.31	537.8	4.33	0.44	KEL	
11/9	15	14646.8	14644.8	2.0	9.31	537.8	4.33	0.46	KEL	
11/10	16	14644.8	14643.0	1.8	9.31	537.8	4.33	0.42	KEL	
11/11	17	14643.0	14641.4	1.6	9.31	537.8	4.33	0.37	KEL	
11/12	18	14641.4	14639.3	2.1	9.31	537.8	4.33	0.49	KEL	
11/13	19	14639.3	14637.1	2.2	9.31	537.8	4.33	0.51	KEL	
11/14	20	14637.1	14635.2	1.9	9.06	526.6	4.33	0.44	KEL	

Permeation Tests

.225-29

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15242.1	15235.5	2.2	9.63	551.9	4.54	0.48	KEL	0.41
10/25	2	15235.5	15234.0	1.5	9.63	551.9	4.54	0.33	KEL	
10/26	3	15234.0	15232.5	1.5	9.63	551.9	4.54	0.33	KEL	
10/27	4	15232.5	15230.5	2.0	9.63	551.9	4.54	0.44	KEL	
10/28	5	15230.5	15228.5	2.0	9.63	551.9	4.54	0.44	KEL	Tare Wt = 2559.7 g
10/29	6	15228.5	15226.4	2.1	9.63	551.9	4.53	0.46	KEL	
10/30	7	15226.4	15224.8	1.6	9.63	551.9	4.53	0.35	KEL	
10/31					9.63	551.9			KEL	
11/1	8	15224.1	15222.3	1.8	9.63	551.9	4.53	0.40	KEL	
11/2	9	15222.3	15220.5	1.8	9.63	551.9	4.53	0.40	KEL	
11/3	10	15220.5	15218.6	1.9	9.63	551.9	4.53	0.42	KEL	
11/4	11	15218.6	15216.4	2.2	9.63	551.9	4.53	0.49	KEL	
11/5					9.63	551.9			KEL	
11/6	12	15215.3	15213.5	1.8	9.63	551.9	4.53	0.40	KEL	
11/7	13	15213.5	15211.4	2.1	9.63	551.9	4.53	0.46	KEL	
11/8	14	15211.4	15209.5	1.9	9.63	551.9	4.53	0.42	KEL	
11/9	15	15209.5	15207.2	2.3	9.63	551.9	4.53	0.51	KEL	
11/10	16	15207.2	15205.8	1.4	9.63	551.9	4.53	0.31	KEL	
11/11	17	15205.8	15204.2	1.6	9.63	551.9	4.53	0.35	KEL	
11/12	18	15204.2	15202.4	1.8	9.63	551.9	4.53	0.40	KEL	
11/13	19	15202.4	15200.4	2.0	9.63	551.9	4.53	0.44	KEL	
11/14	20	15200.4	15198.6	1.8	9.50	546.3	4.52	0.40	KEL	

Permeation Tests

.225-28

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15095.9	15089.4	2.2	9.63	551.9	4.49	0.48	KEL	0.40
10/25	2	15089.4	15087.9	1.5	9.63	551.9	4.49	0.33	KEL	
10/26	3	15087.9	15086.4	1.5	9.63	551.9	4.49	0.33	KEL	
10/27	4	15086.4	15084.5	1.9	9.63	551.9	4.49	0.42	KEL	
10/28	5	15084.5	15082.8	1.7	9.63	551.9	4.49	0.38	KEL	Tare Wt = 2546.5 g
10/29	6	15082.8	15080.6	2.2	9.63	551.9	4.49	0.49	KEL	
10/30	7	15080.6	15079.0	1.6	9.63	551.9	4.49	0.36	KEL	
10/31					9.63	551.9			KEL	
11/1	8	15078.1	15076.6	1.5	9.63	551.9	4.49	0.33	KEL	
11/2	9	15076.6	15074.5	2.1	9.63	551.9	4.49	0.47	KEL	
11/3	10	15074.5	15072.7	1.8	9.63	551.9	4.48	0.40	KEL	
11/4	11	15072.7	15070.5	2.2	9.63	551.9	4.48	0.49	KEL	
11/5					9.63	551.9			KEL	
11/6	12	15069.5	15067.7	1.8	9.63	551.9	4.48	0.40	KEL	
11/7	13	15067.7	15065.7	2.0	9.63	551.9	4.48	0.45	KEL	
11/8	14	15065.7	15063.8	1.9	9.63	551.9	4.48	0.42	KEL	
11/9	15	15063.8	15061.7	2.1	9.63	551.9	4.48	0.47	KEL	
11/10	16	15061.7	15060.0	1.7	9.63	551.9	4.48	0.38	KEL	
11/11	17	15060.0	15058.3	1.7	9.63	551.9	4.48	0.38	KEL	
11/12	18	15058.3	15056.5	1.8	9.63	551.9	4.48	0.40	KEL	
11/13	19	15056.5	15054.6	1.9	9.63	551.9	4.48	0.42	KEL	
11/14	20	15054.6	15053.0	1.6	9.50	546.3	4.48	0.36	KEL	

Permeation Tests

.225-27

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15561.2	15554.3	2.3	9.75	557.5	4.66	0.49	KEL	0.40
10/25	2	15554.3	15552.9	1.4	9.75	557.5	4.65	0.30	KEL	
10/26	3	15552.9	15551.2	1.7	9.75	557.5	4.65	0.37	KEL	
10/27	4	15551.2	15549.3	1.9	9.75	557.5	4.65	0.41	KEL	
10/28	5	15549.3	15547.2	2.1	9.75	557.5	4.65	0.45	KEL	Tare Wt = 2550.4 g
10/29	6	15547.2	15545.3	1.9	9.75	557.5	4.65	0.41	KEL	
10/30	7	15545.3	15543.6	1.7	9.75	557.5	4.65	0.37	KEL	
10/31					9.75	557.5			KEL	
11/1	8	15542.8	15541.0	1.8	9.75	557.5	4.65	0.39	KEL	
11/2	9	15541.0	15539.3	1.7	9.75	557.5	4.65	0.37	KEL	
11/3	10	15539.3	15537.3	2.0	9.75	557.5	4.65	0.43	KEL	
11/4	11	15537.3	15535.1	2.2	9.75	557.5	4.65	0.47	KEL	
11/5					9.75	557.5			KEL	
11/6	12	15533.9	15532.3	1.6	9.75	557.5	4.65	0.34	KEL	
11/7	13	15532.3	15530.1	2.2	9.75	557.5	4.65	0.47	KEL	
11/8	14	15530.1	15528.3	1.8	9.75	557.5	4.65	0.39	KEL	
11/9	15	15528.3	15525.9	2.4	9.75	557.5	4.65	0.52	KEL	
11/10	16	15525.9	15524.7	1.2	9.75	557.5	4.64	0.26	KEL	
11/11	17	15524.7	15522.7	2.0	9.75	557.5	4.64	0.43	KEL	
11/12	18	15522.7	15520.7	2.0	9.75	557.5	4.64	0.43	KEL	
11/13	19	15520.7	15519.1	1.6	9.75	557.5	4.64	0.34	KEL	
11/14	20	15519.1	15517.4	1.7	9.56	549.1	4.64	0.37	KEL	

Permeation Tests

.225-26

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14866.9	14860.0	2.3	9.25	535.0	4.40	0.52	KEL	0.41
10/25	2	14860.0	14858.7	1.3	9.25	535.0	4.40	0.30	KEL	
10/26	3	14858.7	14856.9	1.8	9.25	535.0	4.40	0.41	KEL	
10/27	4	14856.9	14855.0	1.9	9.25	535.0	4.40	0.43	KEL	
10/28	5	14855.0	14853.1	1.9	9.25	535.0	4.40	0.43	KEL	Tare Wt = 2563.7 g
10/29	6	14853.1	14851.2	1.9	9.25	535.0	4.40	0.43	KEL	
10/30	7	14851.2	14849.6	1.6	9.25	535.0	4.40	0.36	KEL	
10/31					9.25	535.0			KEL	
11/1	8	14848.7	14847.0	1.7	9.25	535.0	4.40	0.39	KEL	
11/2	9	14847.0	14845.1	1.9	9.25	535.0	4.40	0.43	KEL	
11/3	10	14845.1	14843.4	1.7	9.25	535.0	4.40	0.39	KEL	
11/4	11	14843.4	14841.3	2.1	9.19	532.2	4.40	0.48	KEL	
11/5					9.19	532.2			KEL	
11/6	12	14840.2	14838.6	1.6	9.19	532.2	4.39	0.36	KEL	
11/7	13	14838.6	14836.8	1.8	9.19	532.2	4.39	0.41	KEL	
11/8	14	14836.8	14834.9	1.9	9.19	532.2	4.39	0.43	KEL	
11/9	15	14834.9	14832.7	2.2	9.19	532.2	4.39	0.50	KEL	
11/10	16	14832.7	14831.3	1.4	9.19	532.2	4.39	0.32	KEL	
11/11	17	14831.3	14829.6	1.7	9.19	532.2	4.39	0.39	KEL	
11/12	18	14829.6	14827.8	1.8	9.19	532.2	4.39	0.41	KEL	
11/13	19	14827.8	14825.6	2.2	9.19	532.2	4.39	0.50	KEL	
11/14	20	14825.6	14823.8	1.8	9.06	526.6	4.39	0.41	KEL	

Permeation Tests

.225-25

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1								KEL	0.40
10/25	2								KEL	
10/26	3	15296.6	15294.5	2.1	9.75	557.5	4.56	0.46	KEL	
10/27	4	15294.5	15292.6	1.9	9.75	557.5	4.56	0.42	KEL	
10/28	5	15292.6	15290.5	2.1	9.75	557.5	4.56	0.46	KEL	Tare Wt = 2564 g
10/29	6	15290.5	15288.5	2.0	9.75	557.5	4.56	0.44	KEL	
10/30	7	15288.5	15286.8	1.7	9.75	557.5	4.55	0.37	KEL	
10/31					9.75	557.5			KEL	
11/1	8	15285.8	15284.3	1.5	9.75	557.5	4.55	0.33	KEL	
11/2	9	15284.3	15282.3	2.0	9.75	557.5	4.55	0.44	KEL	
11/3	10	15282.3	15280.5	1.8	9.75	557.5	4.55	0.40	KEL	
11/4	11	15280.5	15278.4	2.1	9.63	551.9	4.55	0.46	KEL	
11/5					9.63	551.9			KEL	
11/6	12	15277.5	15275.6	1.9	9.63	551.9	4.55	0.42	KEL	
11/7	13	15275.6	15273.6	2.0	9.63	551.9	4.55	0.44	KEL	
11/8	14	15273.6	15272.0	1.6	9.63	551.9	4.55	0.35	KEL	
11/9	15	15272.0	15269.8	2.2	9.63	551.9	4.55	0.48	KEL	
11/10	16	15269.8	15268.3	1.5	9.63	551.9	4.55	0.33	KEL	
11/11	17	15268.3	15266.7	1.6	9.63	551.9	4.55	0.35	KEL	
11/12	18	15266.7	15264.8	1.9	9.63	551.9	4.55	0.42	KEL	
11/13	19	15264.8	15263.0	1.8	9.63	551.9	4.55	0.40	KEL	
11/14	20	15263.0	15261.4	1.6	9.63	551.9	4.55	0.35	KEL	

Permeation Tests

.200-24

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15430.0	15421.6	2.8	9.81	560.3	4.79	0.58	KEL	0.52
10/25	2	15421.6	15419.7	1.9	9.81	560.3	4.79	0.40	KEL	
10/26	3	15419.7	15417.4	2.3	9.81	560.3	4.79	0.48	KEL	
10/27	4	15417.4	15414.9	2.5	9.81	560.3	4.79	0.52	KEL	
10/28	5	15414.9	15412.3	2.6	9.81	560.3	4.79	0.54	KEL	Tare Wt = 2040.6 g
10/29	6	15412.3	15409.8	2.5	9.81	560.3	4.79	0.52	KEL	
10/30	7	15409.8	15407.4	2.4	9.81	560.3	4.79	0.50	KEL	
10/31					9.81	560.3			KEL	
11/1	8	15406.3	15404.1	2.2	9.81	560.3	4.78	0.46	KEL	
11/2	9	15404.1	15401.5	2.6	9.81	560.3	4.78	0.54	KEL	
11/3	10	15401.5	15398.9	2.6	9.81	560.3	4.78	0.54	KEL	
11/4	11	15398.9	15396.2	2.7	9.94	565.9	4.78	0.56	KEL	
11/5					9.94	565.9			KEL	
11/6	12	15394.7	15392.6	2.1	9.94	565.9	4.78	0.44	KEL	
11/7	13	15392.6	15389.6	3.0	9.94	565.9	4.78	0.63	KEL	
11/8	14	15389.6	15386.9	2.7	9.94	565.9	4.78	0.57	KEL	
11/9	15	15386.9	15384.6	2.3	9.94	565.9	4.78	0.48	KEL	
11/10	16	15384.6	15382.0	2.6	9.94	565.9	4.78	0.54	KEL	
11/11	17	15382.0	15379.7	2.3	9.94	565.9	4.78	0.48	KEL	
11/12	18	15379.7	15377.1	2.6	9.94	565.9	4.77	0.54	KEL	
11/13	19	15377.1	15374.3	2.8	9.94	565.9	4.77	0.59	KEL	
11/14	20	15374.3	15371.9	2.4	9.81	560.3	4.77	0.50	KEL	

Permeation Tests

.200-23

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14792.7	14784.9	2.6	9.4	543.4	4.56	0.57	KEL	0.53
10/25	2	14784.9	14783.0	1.9	9.4	543.4	4.56	0.42	KEL	
10/26	3	14783.0	14780.6	2.4	9.4	543.4	4.56	0.53	KEL	
10/27	4	14780.6	14778.1	2.5	9.4	543.4	4.56	0.55	KEL	
10/28	5	14778.1	14775.3	2.8	9.4	543.4	4.56	0.61	KEL	Tare Wt = 2050.2 g
10/29	6	14775.3	14773.0	2.3	9.4	543.4	4.55	0.50	KEL	
10/30	7	14773.0	14770.9	2.1	9.4	543.4	4.55	0.46	KEL	
10/31					9.4	543.4			KEL	
11/1	8	14769.7	14767.4	2.3	9.4	543.4	4.55	0.51	KEL	
11/2	9	14767.4	14764.8	2.6	9.4	543.4	4.55	0.57	KEL	
11/3	10	14764.8	14762.4	2.4	9.4	543.4	4.55	0.53	KEL	
11/4	11	14762.4	14759.6	2.8	9.4	543.4	4.55	0.62	KEL	
11/5					9.4	543.4			KEL	
11/6	12	14758.3	14756.0	2.3	9.4	543.4	4.55	0.51	KEL	
11/7	13	14756.0	14753.7	2.3	9.4	543.4	4.55	0.51	KEL	
11/8	14	14753.7	14751.1	2.6	9.4	543.4	4.55	0.57	KEL	
11/9	15	14751.1	14748.1	3.0	9.4	543.4	4.55	0.66	KEL	
11/10	16	14748.1	14746.0	2.1	9.4	543.4	4.55	0.46	KEL	
11/11	17	14746.0	14743.8	2.2	9.4	543.4	4.54	0.48	KEL	
11/12	18	14743.8	14741.4	2.4	9.4	543.4	4.54	0.53	KEL	
11/13	19	14741.4	14739.0	2.4	9.4	543.4	4.54	0.53	KEL	
11/14	20	14739.0	14736.8	2.2	9.4	543.4	4.54	0.48	KEL	

Permeation Tests

.200-22

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15563.5	15554.8	2.9	10.06	571.6	4.84	0.60	KEL	0.51
10/25	2	15554.8	15552.8	2.0	10.06	571.6	4.84	0.41	KEL	
10/26	3	15552.8	15550.4	2.4	10.06	571.6	4.84	0.50	KEL	
10/27	4	15550.4	15547.8	2.6	10.06	571.6	4.84	0.54	KEL	
10/28	5	15547.8	15545.2	2.6	10.06	571.6	4.84	0.54	KEL	Tare Wt = 2035 g
10/29	6	15545.2	15542.6	2.6	10.06	571.6	4.84	0.54	KEL	
10/30	7	15542.6	15540.5	2.1	10.06	571.6	4.83	0.43	KEL	
10/31					10.06	571.6			KEL	
11/1	8	15539.2	15536.9	2.3	10.06	571.6	4.83	0.48	KEL	
11/2	9	15536.9	15534.4	2.5	10.06	571.6	4.83	0.52	KEL	
11/3	10	15534.4	15531.9	2.5	10.06	571.6	4.83	0.52	KEL	
11/4	11	15531.9	15529.0	2.9	9.94	565.9	4.83	0.60	KEL	
11/5					9.94	565.9			KEL	
11/6	12	15527.8	15525.3	2.5	9.94	565.9	4.83	0.52	KEL	
11/7	13	15525.3	15522.7	2.6	9.94	565.9	4.83	0.54	KEL	
11/8	14	15522.7	15520.3	2.4	9.94	565.9	4.83	0.50	KEL	
11/9	15	15520.3	15517.1	3.2	9.94	565.9	4.83	0.66	KEL	
11/10	16	15517.1	15515.1	2.0	9.94	565.9	4.83	0.41	KEL	
11/11	17	15515.1	15513.0	2.1	9.94	565.9	4.83	0.44	KEL	
11/12	18	15513.0	15510.5	2.5	9.94	565.9	4.82	0.52	KEL	
11/13	19	15510.5	15508.1	2.4	9.94	565.9	4.82	0.50	KEL	
11/14	20	15508.1	15505.9	2.2	9.94	565.9	4.82	0.46	KEL	

Permeation Tests

.200-21

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1				9.94	565.9			KEL	0.55
10/25	2				9.94	565.9			KEL	
10/26	3	15043.9	15040.9	3.0	9.94	565.9	4.65	0.64	KEL	
10/27	4	15040.9	15038.4	2.5	9.94	565.9	4.65	0.54	KEL	
10/28	5	15038.4	15035.6	2.8	9.94	565.9	4.65	0.60	KEL	Tare Wt = 2045.2 g
10/29	6	15035.6	15033.2	2.4	9.94	565.9	4.65	0.52	KEL	
10/30	7	15033.2	15030.9	2.3	9.94	565.9	4.65	0.49	KEL	
10/31					9.94	565.9			KEL	
11/1	8	15029.6	15027.5	2.1	9.94	565.9	4.65	0.45	KEL	
11/2	9	15027.5	15024.8	2.7	9.94	565.9	4.65	0.58	KEL	
11/3	10	15024.8	15022.5	2.3	9.94	565.9	4.65	0.50	KEL	
11/4	11	15022.5	15019.4	3.1	9.75	557.5	4.64	0.67	KEL	
11/5					9.75	557.5			KEL	
11/6	12	15018.0	15015.7	2.3	9.75	557.5	4.64	0.50	KEL	
11/7	13	15015.7	15012.8	2.9	9.75	557.5	4.64	0.62	KEL	
11/8	14	15012.8	15010.3	2.5	9.75	557.5	4.64	0.54	KEL	
11/9	15	15010.3	15008.0	2.3	9.75	557.5	4.64	0.50	KEL	
11/10	16	15008.0	15005.2	2.8	9.75	557.5	4.64	0.60	KEL	
11/11	17	15005.2	15002.7	2.5	9.75	557.5	4.64	0.54	KEL	
11/12	18	15002.7	15000.1	2.6	9.75	557.5	4.64	0.56	KEL	
11/13	19	15000.1	14997.3	2.8	9.75	557.5	4.64	0.60	KEL	
11/14	20	14997.3	14994.8	2.5	9.63	551.9	4.64	0.54	KEL	

Permeation Tests

.200-20

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14954.7	14945.8	3.0	9.4	540.6	4.62	0.64	KEL	0.51
10/25	2	14945.8	14943.7	2.1	9.4	540.6	4.62	0.45	KEL	
10/26	3	14943.7	14941.5	2.2	9.4	540.6	4.62	0.48	KEL	
10/27	4	14941.5	14939.3	2.2	9.4	540.6	4.62	0.48	KEL	
10/28	5	14939.3	14936.4	2.9	9.4	540.6	4.61	0.63	KEL	Tare Wt = 2047.5 g
10/29	6	14936.4	14934.1	2.3	9.4	540.6	4.61	0.50	KEL	
10/30	7	14934.1	14931.5	2.6	9.4	540.6	4.61	0.56	KEL	
10/31					9.4	540.6			KEL	
11/1	8	14930.3	14928.0	2.3	9.4	540.6	4.61	0.50	KEL	
11/2	9	14928.0	14925.6	2.4	9.4	540.6	4.61	0.52	KEL	
11/3	10	14925.6	14923.2	2.4	9.4	540.6	4.61	0.52	KEL	
11/4	11	14923.2	14920.6	2.6	9.4	540.6	4.61	0.56	KEL	
11/5					9.4	540.6			KEL	
11/6	12	14919.3	14917.4	1.9	9.4	540.6	4.61	0.41	KEL	
11/7	13	14917.4	14914.9	2.5	9.4	540.6	4.61	0.54	KEL	
11/8	14	14914.9	14912.2	2.7	9.4	540.6	4.61	0.59	KEL	
11/9	15	14912.2	14910.1	2.1	9.4	540.6	4.60	0.46	KEL	
11/10	16	14910.1	14907.9	2.2	9.4	540.6	4.60	0.48	KEL	
11/11	17	14907.9	14905.7	2.2	9.4	540.6	4.60	0.48	KEL	
11/12	18	14905.7	14903.2	2.5	9.4	540.6	4.60	0.54	KEL	
11/13	19	14903.2	14901.0	2.2	9.4	540.6	4.60	0.48	KEL	
11/14	20	14901.0	14898.5	2.5	9.2	532.2	4.60	0.54	KEL	

Permeation Tests

.200-19

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14938.6	14929.7	3.0	9.38	540.6	4.61	0.64	KEL	0.52
10/25	2	14929.7	14927.9	1.8	9.38	540.6	4.61	0.39	KEL	
10/26	3	14927.9	14925.5	2.4	9.38	540.6	4.61	0.52	KEL	
10/27	4	14925.5	14922.8	2.7	9.38	540.6	4.61	0.59	KEL	
10/28	5	14922.8	14920.0	2.8	9.38	540.6	4.61	0.61	KEL	Tare Wt = 2043.2 g
10/29	6	14920.0	14917.3	2.7	9.38	540.6	4.61	0.59	KEL	
10/30	7	14917.3	14915.1	2.2	9.38	540.6	4.61	0.48	KEL	
10/31					9.38	540.6			KEL	
11/1	8	14913.9	14911.5	2.4	9.38	540.6	4.61	0.52	KEL	
11/2	9	14911.5	14908.9	2.6	9.38	540.6	4.61	0.56	KEL	
11/3	10	14908.9	14906.7	2.2	9.38	540.6	4.61	0.48	KEL	
11/4	11	14906.7	14904.0	2.7	9.31	537.8	4.60	0.59	KEL	
11/5					9.31	537.8			KEL	
11/6	12	14902.8	14900.5	2.3	9.31	537.8	4.60	0.50	KEL	
11/7	13	14900.5	14897.8	2.7	9.31	537.8	4.60	0.59	KEL	
11/8	14	14897.8	14895.6	2.2	9.31	537.8	4.60	0.48	KEL	
11/9	15	14895.6	14892.9	2.7	9.31	537.8	4.60	0.59	KEL	
11/10	16	14892.9	14890.8	2.1	9.31	537.8	4.60	0.46	KEL	
11/11	17	14890.8	14888.4	2.4	9.31	537.8	4.60	0.52	KEL	
11/12	18	14888.4	14886.1	2.3	9.31	537.8	4.60	0.50	KEL	
11/13	19	14886.1	14883.7	2.4	9.31	537.8	4.60	0.52	KEL	
11/14	20	14883.7	14881.5	2.2	9.31	537.8	4.60	0.48	KEL	

Permeation Tests

.150-18

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15250.8	15241.1	3.2	9.63	551.9	4.79	0.68	KEL	0.58
10/25	2	15241.1	15239.0	2.1	9.63	551.9	4.79	0.44	KEL	
10/26	3	15239.0	15236.0	3.0	9.63	551.9	4.79	0.63	KEL	
10/27	4	15236.0	15233.5	2.5	9.63	551.9	4.79	0.52	KEL	
10/28	5	15233.5	15230.1	3.4	9.63	551.9	4.78	0.71	KEL	Tare Wt = 1866 g
10/29	6	15230.1	15227.4	2.7	9.63	551.9	4.78	0.56	KEL	
10/30	7	15227.4	15224.9	2.5	9.63	551.9	4.78	0.52	KEL	
10/31					9.63	551.9			KEL	
11/1	8	15223.6	15221.0	2.6	9.63	551.9	4.78	0.54	KEL	
11/2	9	15221.0	15218.1	2.9	9.63	551.9	4.78	0.61	KEL	
11/3	10	15218.1	15215.4	2.7	9.63	551.9	4.78	0.56	KEL	
11/4	11	15215.4	15212.3	3.1	9.56	549.1	4.78	0.65	KEL	
11/5					9.56	549.1			KEL	
11/6	12	15210.7	15208.2	2.5	9.56	549.1	4.78	0.52	KEL	
11/7	13	15208.2	15205.3	2.9	9.56	549.1	4.78	0.61	KEL	
11/8	14	15205.3	15202.3	3.0	9.56	549.1	4.77	0.63	KEL	
11/9	15	15202.3	15199.3	3.0	9.56	549.1	4.77	0.63	KEL	
11/10	16	15199.3	15197.0	2.3	9.56	549.1	4.77	0.48	KEL	
11/11	17	15197.0	15194.1	2.9	9.56	549.1	4.77	0.61	KEL	
11/12	18	15194.1	15191.3	2.8	9.56	549.1	4.77	0.59	KEL	
11/13	19	15191.3	15188.7	2.6	9.56	549.1	4.77	0.55	KEL	
11/14	20	15188.7	15185.7	3.0	9.50	546.3	4.77	0.63	KEL	

Permeation Tests

.150-17

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15014.5	15006.0	2.8	9.94	565.9	4.70	0.60	KEL	0.59
10/25	2	15006.0	15003.4	2.6	9.94	565.9	4.70	0.55	KEL	
10/26	3	15003.4	15000.8	2.6	9.94	565.9	4.70	0.55	KEL	
10/27	4	15000.8	14998.0	2.8	9.94	565.9	4.70	0.60	KEL	
10/28	5	14998.0	14995.2	2.8	9.94	565.9	4.70	0.60	KEL	Tare Wt = 1867.3 g
10/29	6	14995.2	14992.2	3.0	9.94	565.9	4.70	0.64	KEL	
10/30	7	14992.2	14989.7	2.5	9.94	565.9	4.70	0.53	KEL	
10/31					9.94	565.9			KEL	
11/1	8	14988.5	14985.7	2.8	9.94	565.9	4.70	0.60	KEL	
11/2	9	14985.7	14983.1	2.6	9.94	565.9	4.70	0.55	KEL	
11/3	10	14983.1	14980.2	2.9	9.94	565.9	4.69	0.62	KEL	
11/4	11	14980.2	14977.2	3.0	9.88	563.1	4.69	0.64	KEL	
11/5					9.88	563.1			KEL	
11/6	12	14975.9	14973.4	2.5	9.88	563.1	4.69	0.53	KEL	
11/7	13	14973.4	14970.8	2.6	9.88	563.1	4.69	0.55	KEL	
11/8	14	14970.8	14968.0	2.8	9.88	563.1	4.69	0.60	KEL	
11/9	15	14968.0	14965.0	3.0	9.88	563.1	4.69	0.64	KEL	
11/10	16	14965.0	14962.1	2.9	9.88	563.1	4.69	0.62	KEL	
11/11	17	14962.1	14959.5	2.6	9.88	563.1	4.69	0.55	KEL	
11/12	18	14959.5	14956.3	3.2	9.88	563.1	4.69	0.68	KEL	
11/13	19	14956.3	14953.5	2.8		118.8	4.68	0.60	KEL	
11/14	20	14953.5	14950.5	3.0	9.94	565.9	4.68	0.64	KEL	

Permeation Tests

.150-16

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15244.8	15235.5	3.1	9.94	565.9	4.79	0.65	KEL	0.56
10/25	2	15235.5	15233.1	2.4	9.94	565.9	4.79	0.50	KEL	
10/26	3	15233.1	15230.6	2.5	9.94	565.9	4.79	0.52	KEL	
10/27	4	15230.6	15228.8	1.8	9.94	565.9	4.79	0.38	KEL	
10/28	5	15228.8	15225.3	3.5	9.94	565.9	4.79	0.73	KEL	Tare Wt = 1855.1 g
10/29	6	15225.3	15222.0	3.3	9.94	565.9	4.79	0.69	KEL	
10/30	7	15222.0	15219.7	2.3	9.94	565.9	4.78	0.48	KEL	
10/31					9.94	565.9			KEL	
11/1	8	15218.4	15215.6	2.8	9.94	565.9	4.78	0.59	KEL	
11/2	9	15215.6	15213.0	2.6	9.94	565.9	4.78	0.54	KEL	
11/3	10	15213.0	15210.3	2.7	9.94	565.9	4.78	0.56	KEL	
11/4	11	15210.3	15207.1	3.2	9.88	563.1	4.78	0.67	KEL	
11/5					9.88	563.1			KEL	
11/6	12	15205.7	15203.3	2.4	9.88	563.1	4.78	0.50	KEL	
11/7	13	15203.3	15200.7	2.6	9.88	563.1	4.78	0.54	KEL	
11/8	14	15200.7	15197.8	2.9	9.88	563.1	4.78	0.61	KEL	
11/9	15	15197.8	15194.9	2.9	9.88	563.1	4.78	0.61	KEL	
11/10	16	15194.9	15192.4	2.5	9.88	563.1	4.77	0.52	KEL	
11/11	17	15192.4	15190.1	2.3	9.88	563.1	4.77	0.48	KEL	
11/12	18	15190.1	15187.2	2.9	9.88	563.1	4.77	0.61	KEL	
11/13	19	15187.2	15184.4	2.8	9.88	563.1	4.77	0.59	KEL	
11/14	20	15184.4	15181.7	2.7	9.88	563.1	4.77	0.57	KEL	

Permeation Tests

.150-15

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14282.4	14273.7	2.9	9.25	535.0	4.44	0.65	KEL	0.60
10/25	2	14273.7	14271.2	2.5	9.25	535.0	4.44	0.56	KEL	
10/26	3	14271.2	14268.6	2.6	9.25	535.0	4.44	0.59	KEL	
10/27	4	14268.6	14266.0	2.6	9.25	535.0	4.44	0.59	KEL	
10/28	5	14266.0	14262.9	3.1	9.25	535.0	4.44	0.70	KEL	Tare Wt = 1867.8 g
10/29	6	14262.9	14260.4	2.5	9.25	535.0	4.44	0.56	KEL	
10/30	7	14260.4	14257.4	3.0	9.25	535.0	4.44	0.68	KEL	
10/31					9.25	535.0			KEL	
11/1	8	14256.1	14253.5	2.6	9.25	535.0	4.43	0.59	KEL	
11/2	9	14253.5	14250.8	2.7	9.25	535.0	4.43	0.61	KEL	
11/3	10	14250.8	14248.0	2.8	9.25	535.0	4.43	0.63	KEL	
11/4	11	14248.0	14245.0	3.0	9.00	523.8	4.43	0.68	KEL	
11/5					9.00	523.8			KEL	
11/6	12	14243.8	14241.5	2.3	9.00	523.8	4.43	0.52	KEL	
11/7	13	14241.5	14238.6	2.9	9.00	523.8	4.43	0.65	KEL	
11/8	14	14238.6	14236.1	2.5	9.00	523.8	4.43	0.56	KEL	
11/9	15	14236.1	14233.0	3.1	9.00	523.8	4.43	0.70	KEL	
11/10	16	14233.0	14231.0	2.0	9.00	523.8	4.43	0.45	KEL	
11/11	17	14231.0	14228.6	2.4	9.00	523.8	4.43	0.54	KEL	
11/12	18	14228.6	14225.8	2.8	9.00	523.8	4.42	0.63	KEL	
11/13	19	14225.8	14223.4	2.4	9.00	523.8	4.42	0.54	KEL	
11/14	20	14223.4	14220.9	2.5	9.06	526.6	4.42	0.57	KEL	

Permeation Tests

.150-14

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	13953.4	13944.1	3.1	8.75	512.5	4.32	0.72	KEL	0.63
10/25	2	13944.1	13941.6	2.5	8.75	512.5	4.32	0.58	KEL	
10/26	3	13941.6	13939.0	2.6	8.75	512.5	4.32	0.60	KEL	
10/27	4	13939.0	13936.4	2.6	8.75	512.5	4.32	0.60	KEL	
10/28	5	13936.4	13933.5	2.9	8.75	512.5	4.32	0.67	KEL	Tare Wt = 1871.5 g
10/29	6	13933.5	13930.6	2.9	8.75	512.5	4.32	0.67	KEL	
10/30	7	13930.6	13927.9	2.7	8.75	512.5	4.32	0.63	KEL	
10/31					8.75	512.5			KEL	
11/1	8	13926.7	13923.9	2.8	8.75	512.5	4.31	0.65	KEL	
11/2	9	13923.9	13921.3	2.6	8.75	512.5	4.31	0.60	KEL	
11/3	10	13921.3	13918.3	3.0	8.75	512.5	4.31	0.70	KEL	
11/4	11	13918.3	13915.4	2.9	8.50	501.3	4.31	0.67	KEL	
11/5					8.50	501.3			KEL	
11/6	12	13914.1	13911.6	2.5	8.50	501.3	4.31	0.58	KEL	
11/7	13	13911.6	13909.0	2.6	8.50	501.3	4.31	0.60	KEL	
11/8	14	13909.0	13906.2	2.8	8.50	501.3	4.31	0.65	KEL	
11/9	15	13906.2	13903.2	3.0	8.50	501.3	4.31	0.70	KEL	
11/10	16	13903.2	13901.1	2.1	8.50	501.3	4.31	0.49	KEL	
11/11	17	13901.1	13898.4	2.7	8.50	501.3	4.31	0.63	KEL	
11/12	18	13898.4	13895.8	2.6	8.50	501.3	4.30	0.60	KEL	
11/13	19	13895.8	13892.9	2.9	8.50	501.3	4.30	0.67	KEL	
11/14	20	13892.9	13890.1	2.8	8.75	512.5	4.30	0.65	KEL	

Permeation Tests

.150-13

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15235.1	15225.5	3.2	9.88	563.1	4.78	0.67	KEL	0.58
10/25	2	15225.5	15223.0	2.5	9.88	563.1	4.78	0.52	KEL	
10/26	3	15223.0	15220.3	2.7	9.88	563.1	4.78	0.56	KEL	
10/27	4	15220.3	15217.7	2.6	9.88	563.1	4.78	0.54	KEL	
10/28	5	15217.7	15214.5	3.2	9.88	563.1	4.78	0.67	KEL	Tare Wt = 1863.9 g
10/29	6	15214.5	15211.7	2.8	9.88	563.1	4.78	0.59	KEL	
10/30	7	15211.7	15209.1	2.6	9.88	563.1	4.78	0.54	KEL	
10/31					9.88	563.1			KEL	
11/1	8	15207.7	15205.1	2.6	9.88	563.1	4.78	0.54	KEL	
11/2	9	15205.1	15202.5	2.6	9.88	563.1	4.78	0.54	KEL	
11/3	10	15202.5	15199.6	2.9	9.88	563.1	4.77	0.61	KEL	
11/4	11	15199.6	15197.0	2.6	9.69	554.7	4.77	0.54	KEL	
11/5					9.69	554.7			KEL	
11/6	12	15195.7	15192.9	2.8	9.69	554.7	4.77	0.59	KEL	
11/7	13	15192.9	15190.0	2.9	9.69	554.7	4.77	0.61	KEL	
11/8	14	15190.0	15187.2	2.8	9.69	554.7	4.77	0.59	KEL	
11/9	15	15187.2	15184.0	3.2	9.69	554.7	4.77	0.67	KEL	
11/10	16	15184.0	15181.4	2.6	9.69	554.7	4.77	0.55	KEL	
11/11	17	15181.4	15178.8	2.6	9.69	554.7	4.77	0.55	KEL	
11/12	18	15178.8	15175.7	3.1	9.69	554.7	4.77	0.65	KEL	
11/13	19	15175.7	15173.1	2.6	9.69	554.7	4.76	0.55	KEL	
11/14	20	15173.1	15170.4	2.7	9.63	551.9	4.76	0.57	KEL	

Permeation Tests

.080-12

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15437.4	15422.9	4.8	10.19	577.2	5.07	0.95	KEL	0.91
10/25	2	15422.9	15418.6	4.3	10.19	577.2	5.07	0.85	KEL	
10/26	3	15418.6	15413.5	5.1	10.19	577.2	5.07	1.01	KEL	
10/27	4	15413.5	15408.9	4.6	10.19	577.2	5.07	0.91	KEL	
10/28	5	15408.9	15403.8	5.1	10.19	577.2	5.07	1.01	KEL	Tare Wt = 1250.7 g
10/29	6	15403.8	15398.9	4.9	10.19	577.2	5.07	0.97	KEL	
10/30	7	15398.9	15394.1	4.8	10.19	577.2	5.06	0.95	KEL	
10/31					10.19	577.2			KEL	
11/1	8	15392.1	15387.3	4.8	10.19	577.2	5.06	0.95	KEL	
11/2	9	15387.3	15382.4	4.9	10.19	577.2	5.06	0.97	KEL	
11/3	10	15382.4	15377.7	4.7	10.19	577.2	5.06	0.93	KEL	
11/4	11	15377.7	15373.2	4.5	10.00	568.8	5.06	0.89	KEL	
11/5					10.00	568.8			KEL	
11/6	12	15370.8	15366.4	4.4	10.00	568.8	5.05	0.87	KEL	
11/7	13	15366.4	15362.0	4.4	10.00	568.8	5.05	0.87	KEL	
11/8	14	15362.0	15357.4	4.6	10.00	568.8	5.05	0.91	KEL	
11/9	15	15357.4	15353.2	4.2	10.00	568.8	5.05	0.83	KEL	
11/10	16	15353.2	15348.4	4.8	10.00	568.8	5.05	0.95	KEL	
11/11	17	15348.4	15344.2	4.2	10.00	568.8	5.05	0.83	KEL	
11/12	18	15344.2	15339.4	4.8	10.00	568.8	5.04	0.95	KEL	
11/13	19	15339.4	15334.9	4.5	10.00	568.8	5.04	0.89	KEL	
11/14	20	15334.9	15330.7	4.2	9.88	563.1	5.04	0.83	KEL	

Permeation Tests

.080-11

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14689.1	14675.4	4.6	9.50	546.3	4.80	0.95	KEL	0.94
10/25	2	14675.4	14671.1	4.3	9.50	546.3	4.80	0.90	KEL	
10/26	3	14671.1	14666.4	4.7	9.50	546.3	4.80	0.98	KEL	
10/27	4	14666.4	14662.2	4.2	9.50	546.3	4.80	0.88	KEL	
10/28	5	14662.2	14657.3	4.9	9.50	546.3	4.79	1.02	KEL	Tare Wt = 1266.3 g
10/29	6	14657.3	14652.6	4.7	9.50	546.3	4.79	0.98	KEL	
10/30	7	14652.6	14648.0	4.6	9.50	546.3	4.79	0.96	KEL	
10/31					9.50	546.3			KEL	
11/1	8	14646.1	14641.3	4.8	9.50	546.3	4.79	1.00	KEL	
11/2	9	14641.3	14636.6	4.7	9.50	546.3	4.79	0.98	KEL	
11/3	10	14636.6	14632.1	4.5	9.50	546.3	4.78	0.94	KEL	
11/4	11	14632.1	14627.3	4.8	9.31	537.8	4.78	1.00	KEL	
11/5					9.31	537.8			KEL	
11/6	12	14625.1	14620.9	4.2	9.31	537.8	4.78	0.88	KEL	
11/7	13	14620.9	14616.4	4.5	9.31	537.8	4.78	0.94	KEL	
11/8	14	14616.4	14612.0	4.4	9.31	537.8	4.78	0.92	KEL	
11/9	15	14612.0	14607.4	4.6	9.31	537.8	4.78	0.96	KEL	
11/10	16	14607.4	14603.4	4.0	9.31	537.8	4.77	0.84	KEL	
11/11	17	14603.4	14599.1	4.3	9.31	537.8	4.77	0.90	KEL	
11/12	18	14599.1	14594.9	4.2	9.31	537.8	4.77	0.88	KEL	
11/13	19	14594.9	14590.4	4.5	9.31	537.8	4.77	0.94	KEL	
11/14	20	14590.4	14586.1	4.3	9.31	537.8	4.77	0.90	KEL	

Permeation Tests

.080-10

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14366.4	14352.0	4.8	9.25	535.0	4.69	1.02	KEL	0.99
10/25	2	14352.0	14347.5	4.5	9.25	535.0	4.69	0.96	KEL	
10/26	3	14347.5	14343.0	4.5	9.25	535.0	4.69	0.96	KEL	
10/27	4	14343.0	14338.5	4.5	9.25	535.0	4.69	0.96	KEL	
10/28	5	14338.5	14333.3	5.2	9.25	535.0	4.69	1.11	KEL	Tare Wt = 1240.3 g
10/29	6	14333.3	14328.5	4.8	9.25	535.0	4.69	1.02	KEL	
10/30	7	14328.5	14323.5	5.0	9.25	535.0	4.68	1.07	KEL	
10/31					9.25	535.0			KEL	
11/1	8	14321.5	14316.7	4.8	9.25	535.0	4.68	1.03	KEL	
11/2	9	14316.7	14311.9	4.8	9.25	535.0	4.68	1.03	KEL	
11/3	10	14311.9	14307.1	4.8	9.25	535.0	4.68	1.03	KEL	
11/4	11	14307.1	14302.4	4.7	9.13	529.4	4.68	1.01	KEL	
11/5					9.13	529.4			KEL	
11/6	12	14300.1	14295.8	4.3	9.13	529.4	4.67	0.92	KEL	
11/7	13	14295.8	14291.4	4.4	9.13	529.4	4.67	0.94	KEL	
11/8	14	14291.4	14286.5	4.9	9.13	529.4	4.67	1.05	KEL	
11/9	15	14286.5	14281.9	4.6	9.13	529.4	4.67	0.99	KEL	
11/10	16	14281.9	14277.6	4.3	9.13	529.4	4.67	0.92	KEL	
11/11	17	14277.6	14273.4	4.2	9.13	529.4	4.67	0.90	KEL	
11/12	18	14273.4	14268.8	4.6	9.13	529.4	4.66	0.99	KEL	
11/13	19	14268.8	14264.2	4.6	9.13	529.4	4.66	0.99	KEL	
11/14	20	14264.2	14259.9	4.3	8.94	520.9	4.66	0.92	KEL	

Permeation Tests

.080-9

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15619.7	15605.1	4.9	9.94	565.9	5.14	0.95	KEL	0.89
10/25	2	15605.1	15600.8	4.3	9.94	565.9	5.14	0.84	KEL	
10/26	3	15600.8	15596.3	4.5	9.94	565.9	5.13	0.88	KEL	
10/27	4	15596.3	15591.8	4.5	9.94	565.9	5.13	0.88	KEL	
10/28	5	15591.8	15586.6	5.2	9.94	565.9	5.13	1.01	KEL	Tare Wt = 1257 g
10/29	6	15586.6	15581.8	4.8	9.94	565.9	5.13	0.94	KEL	
10/30	7	15581.8	15577.2	4.6	9.94	565.9	5.13	0.90	KEL	
10/31					9.94	565.9			KEL	
11/1	8	15574.9	15570.2	4.7	9.94	565.9	5.12	0.92	KEL	
11/2	9	15570.2	15565.6	4.6	9.94	565.9	5.12	0.90	KEL	
11/3	10	15565.6	15560.9	4.7	9.94	565.9	5.12	0.92	KEL	
11/4	11	15560.9	15556.2	4.7	9.75	557.5	5.12	0.92	KEL	
11/5					9.75	557.5			KEL	
11/6	12	15553.8	15549.5	4.3	9.75	557.5	5.12	0.84	KEL	
11/7	13	15549.5	15545.1	4.4	9.75	557.5	5.12	0.86	KEL	
11/8	14	15545.1	15540.2	4.9	9.75	557.5	5.11	0.96	KEL	
11/9	15	15540.2	15535.8	4.4	9.75	557.5	5.11	0.86	KEL	
11/10	16	15535.8	15531.8	4.0	9.75	557.5	5.11	0.78	KEL	
11/11	17	15531.8	15527.4	4.4	9.75	557.5	5.11	0.86	KEL	
11/12	18	15527.4	15522.9	4.5	9.75	557.5	5.11	0.88	KEL	
11/13	19	15522.9	15518.3	4.6	9.75	557.5	5.11	0.90	KEL	
11/14	20	15518.3	15514.1	4.2	9.63	551.9	5.10	0.82	KEL	

Permeation Tests

.080-8

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15355.1	15340.2	5.0	9.94	565.9	5.05	0.98	KEL	0.91
10/25	2	15340.2	15336.0	4.2	9.94	565.9	5.05	0.83	KEL	
10/26	3	15336.0	15331.5	4.5	9.94	565.9	5.05	0.89	KEL	
10/27	4	15331.5	15327.0	4.5	9.94	565.9	5.05	0.89	KEL	
10/28	5	15327.0	15321.6	5.4	9.94	565.9	5.05	1.07	KEL	Tare Wt = 1220.5 g
10/29	6	15321.6	15316.9	4.7	9.94	565.9	5.05	0.93	KEL	
10/30	7	15316.9	15312.1	4.8	9.94	565.9	5.04	0.95	KEL	
10/31					9.94	565.9			KEL	
11/1	8	15309.9	15305.1	4.8	9.94	565.9	5.04	0.95	KEL	
11/2	9	15305.1	15300.3	4.8	9.94	565.9	5.04	0.95	KEL	
11/3	10	15300.3	15295.5	4.8	9.94	565.9	5.04	0.95	KEL	
11/4	11	15295.5	15290.8	4.7	9.69	554.7	5.04	0.93	KEL	
11/5					9.69	554.7			KEL	
11/6	12	15288.7	15284.3	4.4	9.69	554.7	5.03	0.87	KEL	
11/7	13	15284.3	15280.0	4.3	9.69	554.7	5.03	0.85	KEL	
11/8	14	15280.0	15275.2	4.8	9.69	554.7	5.03	0.95	KEL	
11/9	15	15275.2	15270.5	4.7	9.69	554.7	5.03	0.93	KEL	
11/10	16	15270.5	15266.3	4.2	9.69	554.7	5.03	0.84	KEL	
11/11	17	15266.3	15262.1	4.2	9.69	554.7	5.03	0.84	KEL	
11/12	18	15262.1	15257.3	4.8	9.69	554.7	5.03	0.96	KEL	
11/13	19	15257.3	15253.1	4.2	9.69	554.7	5.02	0.84	KEL	
11/14	20	15253.1	15248.6	4.5	9.69	554.7	5.02	0.90	KEL	

Permeation Tests

.080-7

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15463.0	15449.3	4.6	9.63	551.9	5.09	0.90	KEL	0.93
10/25	2	15449.3	15445.2	4.1	9.63	551.9	5.09	0.81	KEL	
10/26	3	15445.2	15440.7	4.5	9.63	551.9	5.09	0.88	KEL	
10/27	4	15440.7	15436.0	4.7	9.63	551.9	5.09	0.92	KEL	
10/28	5	15436.0	15431.2	4.8	9.63	551.9	5.08	0.94	KEL	Tare Wt = 1230.7 g
10/29	6	15431.2	15426.0	5.2	9.63	551.9	5.08	1.02	KEL	
10/30	7	15426.0	15421.1	4.9	9.63	551.9	5.08	0.96	KEL	
10/31					9.63	551.9			KEL	
11/1	8	15419.0	15414.1	4.9	9.63	551.9	5.08	0.97	KEL	
11/2	9	15414.1	15409.3	4.8	9.63	551.9	5.08	0.95	KEL	
11/3	10	15409.3	15404.6	4.7	9.63	551.9	5.07	0.93	KEL	
11/4	11	15404.6	15399.4	5.2	9.56	549.1	5.07	1.03	KEL	
11/5					9.56	549.1			KEL	
11/6	12	15397.2	15392.5	4.7	9.56	549.1	5.07	0.93	KEL	
11/7	13	15392.5	15387.7	4.8	9.56	549.1	5.07	0.95	KEL	
11/8	14	15387.7	15383.2	4.5	9.56	549.1	5.07	0.89	KEL	
11/9	15	15383.2	15378.0	5.2	9.56	549.1	5.06	1.03	KEL	
11/10	16	15378.0	15373.7	4.3	9.56	549.1	5.06	0.85	KEL	
11/11	17	15373.7	15369.2	4.5	9.56	549.1	5.06	0.89	KEL	
11/12	18	15369.2	15364.4	4.8	9.56	549.1	5.06	0.95	KEL	
11/13	19	15364.4	15359.6	4.8	9.56	549.1	5.06	0.95	KEL	
11/14	20	15359.6	15355.0	4.6	9.50	546.3	5.06	0.91	KEL	

Permeation Tests

.080-6

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	13978.6	13964.7	4.6	8.94	520.9	4.54	1.02	KEL	0.99
10/25	2	13964.7	13960.4	4.3	8.94	520.9	4.54	0.95	KEL	
10/26	3	13960.4	13955.7	4.7	8.94	520.9	4.54	1.03	KEL	
10/27	4	13955.7	13951.2	4.5	8.94	520.9	4.54	0.99	KEL	
10/28	5	13951.2	13946.4	4.8	8.94	520.9	4.54	1.06	KEL	Tare Wt = 1269.2 g
10/29	6	13946.4	13941.6	4.8	8.94	520.9	4.54	1.06	KEL	
10/30	7	13941.6	13936.9	4.7	8.94	520.9	4.54	1.04	KEL	
10/31					8.94	520.9			KEL	
11/1	8	13934.8	13930.1	4.7	8.94	520.9	4.53	1.04	KEL	
11/2	9	13930.1	13925.4	4.7	8.94	520.9	4.53	1.04	KEL	
11/3	10	13925.4	13920.8	4.6	8.94	520.9	4.53	1.02	KEL	
11/4	11	13920.8	13916.1	4.7	8.69	509.7	4.53	1.04	KEL	
11/5					8.69	509.7			KEL	
11/6	12	13913.9	13909.8	4.1	8.69	509.7	4.53	0.91	KEL	
11/7	13	13909.8	13905.5	4.3	8.69	509.7	4.52	0.95	KEL	
11/8	14	13905.5	13900.8	4.7	8.69	509.7	4.52	1.04	KEL	
11/9	15	13900.8	13895.8	5.0	8.69	509.7	4.52	1.11	KEL	
11/10	16	13895.8	13892.3	3.5	8.69	509.7	4.52	0.77	KEL	
11/11	17	13892.3	13888.0	4.3	8.69	509.7	4.52	0.95	KEL	
11/12	18	13888.0	13883.6	4.4	8.69	509.7	4.52	0.97	KEL	
11/13	19	13883.6	13879.1	4.5	8.69	509.7	4.51	1.00	KEL	
11/14	20	13879.1	13874.8	4.3	8.69	509.7	4.51	0.95	KEL	

Permeation Tests

.080-5

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14014.7	13999.2	5.2	8.88	518.1	4.57	1.13	KEL	1.00
10/25	2	13999.2	13994.8	4.4	8.88	518.1	4.57	0.96	KEL	
10/26	3	13994.8	13990.3	4.5	8.88	518.1	4.56	0.99	KEL	
10/27	4	13990.3	13985.8	4.5	8.88	518.1	4.56	0.99	KEL	
10/28	5	13985.8	13980.6	5.2	8.88	518.1	4.56	1.14	KEL	Tare Wt = 1242.3 g
10/29	6	13980.6	13975.7	4.9	8.88	518.1	4.56	1.07	KEL	
10/30	7	13975.7	13971.0	4.7	8.88	518.1	4.56	1.03	KEL	
10/31					8.88	518.1			KEL	
11/1	8	13968.9	13964.2	4.7	8.88	518.1	4.55	1.03	KEL	
11/2	9	13964.2	13959.7	4.5	8.88	518.1	4.55	0.99	KEL	
11/3	10	13959.7	13955.1	4.6	8.88	518.1	4.55	1.01	KEL	
11/4	11	13955.1	13950.3	4.8	8.69	509.7	4.55	1.06	KEL	
11/5					8.69	509.7			KEL	
11/6	12	13948.1	13943.9	4.2	8.69	509.7	4.55	0.92	KEL	
11/7	13	13943.9	13939.4	4.5	8.69	509.7	4.55	0.99	KEL	
11/8	14	13939.4	13934.6	4.8	8.69	509.7	4.54	1.06	KEL	
11/9	15	13934.6	13929.6	5.0	8.69	509.7	4.54	1.10	KEL	
11/10	16	13929.6	13925.9	3.7	8.69	509.7	4.54	0.81	KEL	
11/11	17	13925.9	13921.8	4.1	8.69	509.7	4.54	0.90	KEL	
11/12	18	13921.8	13917.2	4.6	8.69	509.7	4.54	1.01	KEL	
11/13	19	13917.2	13912.9	4.3	8.69	509.7	4.54	0.95	KEL	
11/14	20	13912.9	13908.3	4.6	8.69	509.7	4.53	1.01	KEL	

Permeation Tests

.080-4

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15582.6	15567.5	5.0			5.12	0.98	KEL	0.92
10/25	2	15567.5	15563.1	4.4			5.12	0.86	KEL	
10/26	3	15563.1	15558.2	4.9			5.12	0.96	KEL	
10/27	4	15558.2	15553.9	4.3			5.12	0.84	KEL	
10/28	5	15553.9	15548.6	5.3			5.11	1.04	KEL	Tare Wt = 1264.1 g
10/29	6	15548.6	15543.5	5.1			5.11	1.00	KEL	
10/30	7	15543.5	15538.8	4.7			5.11	0.92	KEL	
10/31									KEL	
11/1	8	15536.4	15531.8	4.6			5.11	0.90	KEL	
11/2	9	15531.8	15526.8	5.0			5.11	0.98	KEL	
11/3	10	15526.8	15522.0	4.8			5.10	0.94	KEL	
11/4	11	15522.0	15517.3	4.7			5.10	0.92	KEL	
11/5									KEL	
11/6	12	15515.0	15510.4	4.6			5.10	0.90	KEL	
11/7	13	15510.4	15506.0	4.4			5.10	0.86	KEL	
11/8	14	15506.0	15501.1	4.9			5.10	0.96	KEL	
11/9	15	15501.1	15496.0	5.1			5.10	1.00	KEL	
11/10	16	15496.0	15492.0	4.0			5.09	0.79	KEL	
11/11	17	15492.0	15487.6	4.4			5.09	0.86	KEL	
11/12	18	15487.6	15483.0	4.6			5.09	0.90	KEL	
11/13	19	15483.0	15478.4	4.6			5.09	0.90	KEL	
11/14	20	15478.4	15473.8	4.6			5.09	0.90	KEL	

Permeation Tests

.080-3

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14779.7	14765.2	4.8	9.50	546.3	4.83	1.00	KEL	0.93
10/25	2	14765.2	14761.0	4.2	9.50	546.3	4.83	0.87	KEL	
10/26	3	14761.0	14756.6	4.4	9.50	546.3	4.83	0.91	KEL	
10/27	4	14756.6	14751.5	5.1	9.50	546.3	4.82	1.06	KEL	
10/28	5	14751.5	14746.8	4.7	9.50	546.3	4.82	0.97	KEL	Tare Wt = 1274 g
10/29	6	14746.8	14742.0	4.8	9.50	546.3	4.82	1.00	KEL	
10/30	7	14742.0	14737.5	4.5	9.50	546.3	4.82	0.93	KEL	
10/31					9.50	546.3			KEL	
11/1	8	14735.6	14730.8	4.8	9.50	546.3	4.82	1.00	KEL	
11/2	9	14730.8	14726.2	4.6	9.50	546.3	4.82	0.96	KEL	
11/3	10	14726.2	14721.7	4.5	9.50	546.3	4.81	0.93	KEL	
11/4	11	14721.7	14717.1	4.6	9.25	535.0	4.81	0.96	KEL	
11/5					9.25	535.0			KEL	
11/6	12	14715.0	14710.7	4.3	9.25	535.0	4.81	0.89	KEL	
11/7	13	14710.7	14706.4	4.3	9.25	535.0	4.81	0.89	KEL	
11/8	14	14706.4	14701.5	4.9	9.25	535.0	4.81	1.02	KEL	
11/9	15	14701.5	14697.0	4.5	9.25	535.0	4.81	0.94	KEL	
11/10	16	14697.0	14693.2	3.8	9.25	535.0	4.80	0.79	KEL	
11/11	17	14693.2	14688.9	4.3	9.25	535.0	4.80	0.90	KEL	
11/12	18	14688.9	14684.6	4.3	9.25	535.0	4.80	0.90	KEL	
11/13	19	14684.6	14680.2	4.4	9.25	535.0	4.80	0.92	KEL	
11/14	20	14680.2	14675.9	4.3	9.13	529.4	4.80	0.90	KEL	

Permeation Tests

.080-2

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	15730.5	15716.3	4.7	10.13	574.4	5.17	0.91	KEL	0.88
10/25	2	15716.3	15712.0	4.3	10.13	574.4	5.17	0.83	KEL	
10/26	3	15712.0	15707.4	4.6	10.13	574.4	5.17	0.89	KEL	
10/27	4	15707.4	15703.2	4.2	10.13	574.4	5.17	0.81	KEL	
10/28	5	15703.2	15698.4	4.8	10.13	574.4	5.17	0.93	KEL	Tare Wt = 1263.8 g
10/29	6	15698.4	15693.6	4.8	10.13	574.4	5.17	0.93	KEL	
10/30	7	15693.6	15689.0	4.6	10.13	574.4	5.16	0.89	KEL	
10/31					10.13	574.4			KEL	
11/1	8	15687.1	15682.4	4.7	10.13	574.4	5.16	0.91	KEL	
11/2	9	15682.4	15677.9	4.5	10.13	574.4	5.16	0.87	KEL	
11/3	10	15677.9	15673.3	4.6	10.13	574.4	5.16	0.89	KEL	
11/4	11	15673.3	15668.4	4.9	9.94	565.9	5.16	0.95	KEL	
11/5					9.94	565.9			KEL	
11/6	12	15666.7	15662.1	4.6	9.94	565.9	5.15	0.89	KEL	
11/7	13	15662.1	15657.7	4.4	9.94	565.9	5.15	0.85	KEL	
11/8	14	15657.7	15653.3	4.4	9.94	565.9	5.15	0.85	KEL	
11/9	15	15653.3	15648.6	4.7	9.94	565.9	5.15	0.91	KEL	
11/10	16	15648.6	15644.3	4.3	9.94	565.9	5.15	0.84	KEL	
11/11	17	15644.3	15640.4	3.9	9.94	565.9	5.15	0.76	KEL	
11/12	18	15640.4	15635.6	4.8	9.94	565.9	5.15	0.93	KEL	
11/13	19	15635.6	15631.1	4.5	9.94	565.9	5.14	0.87	KEL	
11/14	20	15631.1	15626.6	4.5	9.81	560.3	5.14	0.88	KEL	

Permeation Tests

.080-1

Surface area calc. (5 gal Chilton) = [(2)(13*X)] + (2)[9.5*X] + 118.75

Date	Test #	Start Wt. (grams)	End Wt. (grams)	Loss Wt. (grams)	Liq. Ht. (inches)	Surf.Area (sq.in.)	Fuel Vol. (gals)	Daily Loss (g/gal/day)	Tech.	Avg loss Rate (g/gal/day)
10/22	1	14184.3	14170.0	4.8	9.06	526.6	4.62	1.03	KEL	0.96
10/25	2	14170.0	14166.1	3.9	9.06	526.6	4.62	0.84	KEL	
10/26	3	14166.1	14161.8	4.3	9.06	526.6	4.61	0.93	KEL	
10/27	4	14161.8	14157.4	4.4	9.06	526.6	4.61	0.95	KEL	
10/28	5	14157.4	14152.7	4.7	9.06	526.6	4.61	1.02	KEL	Tare Wt = 1273.5 g
10/29	6	14152.7	14147.9	4.8	9.06	526.6	4.61	1.04	KEL	
10/30	7	14147.9	14143.3	4.6	9.06	526.6	4.61	1.00	KEL	
10/31					9.06	526.6			KEL	
11/1	8	14141.2	14136.5	4.7	9.06	526.6	4.60	1.02	KEL	
11/2	9	14136.5	14132.0	4.5	9.06	526.6	4.60	0.98	KEL	
11/3	10	14132.0	14127.5	4.5	9.06	526.6	4.60	0.98	KEL	
11/4	11	14127.5	14122.8	4.7	8.88	518.1	4.60	1.02	KEL	
11/5					8.88	518.1			KEL	
11/6	12	14120.8	14116.8	4.0	8.88	518.1	4.60	0.87	KEL	
11/7	13	14116.8	14112.3	4.5	8.88	518.1	4.60	0.98	KEL	
11/8	14	14112.3	14107.9	4.4	8.88	518.1	4.59	0.96	KEL	
11/9	15	14107.9	14103.2	4.7	8.88	518.1	4.59	1.02	KEL	
11/10	16	14103.2	14099.2	4.0	8.88	518.1	4.59	0.87	KEL	
11/11	17	14099.2	14095.1	4.1	8.88	518.1	4.59	0.89	KEL	
11/12	18	14095.1	14090.9	4.2	8.88	518.1	4.59	0.92	KEL	
11/13	19	14090.9	14086.4	4.5	8.88	518.1	4.59	0.98	KEL	
11/14	20	14086.4	14082.4	4.0	8.88	518.1	4.59	0.87	KEL	