Performance of Motors 11, 8 and 8 on Test Runs
Sacramento to Oakland Pier, Aug. 24 and 31, 1933 and Jan. 13, 1934, respectively

WESTWARD

Station or MP		Motor 11, Aug. 24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug. 31, with Coaches 2053 and 2064 Wt. 216,040# Butane Fuel	Motor 8, Jan. 13, 1934 with Coaches 2158 and 2156 Wt. 239,280# High Geared Motor Butane Fuel
Lv. Sacramento		2:30:35 PM	1:30:12 PM	1:15:04 PM
MP	88-87			44.4 MPH
	87-86			53.7
	86-85	55.3 MPH	56.2 MPH	57.1
	85-84	52.9	60.0	58.0
	84-83	52.9	58.0	57.1
	83-82	60.0	66.6	54.5
	82-81	61.0	67.9	67.9
	81-80	57.1	64.2	63.1
	80-79	57.1	64.2	63.1
	79-78	59.0	65.4	64.2
	78-77	55.3	60.0	61.0
	77-76	56.2	58.0	64.2
Davis		By 2:46:00 PM	1:45:36 PM	1:29:52 PM
MP	76-75	42.4 MPH	51.4 MPH	52.9 MPH
	75-74	48.6	55.3	55.3
	74-73	53.7	59.0	59.0
	73-72	51.4	58.0	57.1
	72-71	55.3	63.0	63.1
	71-70	55.3	63.0	61.0
	70-69	60.0	65.4	66.6
	69-68	60.0	69.2	66.6
	68-67	48.6	52.9	62.0
Dixon		By 2:55:15 PM	1:53:42 PM	1:38:00 PM
MP	67-66	53.7 MPH	56.2 MPH	67.9 MPH
	66-65	59.0	60.0	65.1
	65-64	59.0	60.0	65.1
	64-63	62.0	65.4	67.9
	63-62	62.0	65.4	66.6
	62-61	62.0	64.2	67.9
	61-60	60.0	66.6	67.9
Elmira		By 3:03:35 PM	2:01:40 PM	1:45:20 PM
MP	60-59	62.0 MPH	66.6 MPH	64.2 MPH
	59-58	60.0	64.2	65.1
	58-57	61.0	63.0	65.1
	57-56	59.0	63.0	65.1
	56-55	58.0	60.0	63.1
	55-54	60.0	65.4	67.9
	54-53	64.2	67.9	70.1
	53-52	69.2	72.0	75.0

Sheet 2 - Performance of Motors 11, 8 and 8 on Test Runs - Westward

Station or MP	Motor 11, Aug.24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug.31, with Coaches 2053 and 2064 Wt. 216,040# Butane Fuel	Motor 8, Jan. 13,1934 with Coaches 2158 and 2156 Wt. 239,280# Butane Fuel
MP 52-51	63.0 MPH	67.9 MPH	72.0 MPH
51-50	67.8	72.0	73.5
50-49	57.1	58.0	67.9
Suisun	By 3:13:40 PM	2:11:21 PM	1:54:29 PM
49-48	48.6 MPH	48.0 MPH	62.0 MPH
48-47	51.4	52.9	61.0
47-46	55.3	58.0	65.1
46-45	55.3	60.0	65.1
45-44	56.2	60.0	65.1
44-43	59.0	66.6	67.9
43-42	59.0	63.0	64.2
42-41	59.0	64.2	66.6
41-40	55.3	64.2	61.1
40-39	54.5	63.0	62.0
39-38	54.5	63.0	64.2
Benicia Jct.	By 3:25:40 PM	2:22:20 PM	2:04:45 PM
38-37	48.0 MPH	60.0 MPH	60.0 MPH
37-36	48.0	57.1	60.0
36-35	46.7	52.9	56.2
35-34	45.0	45.6	46.1
34-33	43.9	46.7	54.5
33-32	57.1	57.1	59.0
Martinez	By 3:33:25 PM	2:29:45 PM	2:11:35 PM
32-34	53.7 MPH	31.3 MPH	55.3 MPH
34-33	49.3	43.4	58.0
33-32	-	49.3	52.9
Port Costa	By 3:37:40 PM	2:34:44 PM	2:15:25 PM
32-31	41.4 MPH	58.7 MPH	50.7 MPH
31-30	45.0	50.0	46.7
30-29	52.1	50.7	52.1
Crocket	By 3:40:35 PM	2:37:26 PM	2:18:05 PM
29-28	52.1 MPH	55.3 MPH	55.3 MPH
28-27	43.9	46.7	48.6
27-26	43.9	43.9	45.0
26-25	48.6	47.4	51.4
25-24	46.7	51.4	52.1
24-23	49.3	52.9	52.9
23-22	48.6	56.2	49.3
Krieger	By 3:50:05 PM	2:46:35 PM	2:27:01 PM

Sheet 3 - Performance of Motors 11, 8 and 8 on Test Runs - Westward

Station or MP	Motor 11, Aug. 24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug.31, with Coaches 2053 and 2064 Wt. 216,040# Butane Fuel	Motor 8, Jan.13,1934 with Coaches 2158 and 2156 Wt. 239,280# Butane Fuel
MP 22-21	50.0 MPH		51.4 MPH
21-20	52.1	52.9 MPH	57.1
20-19	55.3	52.1	57.1
19-18	57.1	57.1	62.0
18-17	56.2	56.2	61.0
17-16	59.0	59.0	64.2
16-15	59.0	59.0	62.0
15-14	60.0	59.0	61.1
Richmond	By 3:57:05 PM	2:53:39 PM	2:33:31 PM
14-13	63.0 MPH	63.0 MPH	75.0 MPH
13-12	64.2	65.4	69.2
12-11	64.2	65.4	66.6
11-10	60.0	62.0	69.2
10- 9	27.5	31.3	69.2
Univ. Ave.	Ar.4:03:00 PM Lv.4:03:15	2:59:25 PM 2:59:41	2:39:01 PM 2:39:24
9- 8	45.0 MPH	64.2 MPH	35 MPH
8- 7	45.0	64.2	50.7
7- 6	53.7	-	55.3
6- 5	20.0	-	
5- 4	46.1	45.0	
16th Street	Ar.4:08:35 PM Lv.4:09:22	3:05:11 PM 3:05:26	2:44:54 PM 2:45:13
4- 3			
Arvd. Oak.Pier	4:13:15 PM	3:09:15 PM	2:49:10 PM

Performance of Motors 11, 8 and 8 on Test Runs
Oakland Pier to Sacramento, Aug.24 and 31,1933 and Jan.13,1934, respectively

EASTWARD

Station or MP	Motor 11, Aug.24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug.31 with Coach 2053 Wt. 109,920# Butane Fuel	Motor 8,Jan. 13, 1934 With Coach 2156 Wt. 119,640# High Geared Motor Butane Fuel
Lv.San Fran.	10:00 AM Boat	10:03 AM Boat	10:40:45 AM
Oakland Pier	Ar.10:18:00 AM	10:21:30 AM	11:00:05 AM
	Lv.10:20:10	10:23:50	11:01:51
MP 4- 5			47.4 MPH
5- 6			
16th St.Oak.	Ar.10:24:00 AM	10:28:00 AM	11:05:19 AM
	Lv.10:24:15	10:28:20	11:05:45
MP 6- 7			55.0 MPH
7- 8			55.0
8- 9			
Univ. Ave.	Ar.10:30:00 AM	10:33:40 AM	11:10:45 AM
	Lv.10:30:15	10:34:00	11:11:02
MP 9-10			55.0 MPH
10-11			55.0
11-12			62.0
12-13	51.4 MPH	60.0 MPH	66.6
13-14			67.9
14-15			
Richmond	By		11:17:32 AM
MP 15-16			67.9 MPH
16-17	55.3 MPH	66.6 MPH	72.0
17-18	56.2	66.6	72
18-19	60.0	69.2	69.2
19-20	60.0	58.0	65.4
20-21	59.0	58.0	62.0
Krieger	By 10:45:40 AM	10:47:07 AM	11:23:25 AM
MP 21-22	55.3 MPH	55.3 MPH	51.4 MPH
22-23	46.7	49.3	49.3
23-24	47.4	52.1	46.7
24-25	46.7	45.6	45.6
25-26	49.3	47.4	46.1
26-27	45.0	48.0	40.0
27-28	48.6	45.6	44.4
28-29	52.9	56.2	51.4
Crockett	By 10:55:10 AM	10:56:18 AM	11:33:11 AM

Sheet 2 - Performance of Motors 11, 8 and 8 on Test Runs - Eastward

Station or MP	Motor 11, Aug.24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug.31 with Coach 2053 Wt. 109,920# Butane Fuel	Motor 8, Jan.13,1934 with Coach 2156 Wt. 119,640# High Geared Motor Butane Fuel
MP 29-30	45.0 MPH	53.7 MPH	43.9 MPH
30-31	37.9	46.1	43.9
31-32	50.7	45.6	48.0
32-33	53.7	46.7	50.7
33-34	46.1	52.9	56.2
Martinez	By 11:02:20 AM	11:03:08 AM	11:40:05 AM
34-32	39.1 MPH	52.1 MPH	51.4 MPH
32-33 Bridge	36.0	46.7	43.4
33-34	46.7	40.0	48.0
35-36			53.7
36-37			72.0
37-38	58.0	60.0	59.0
Benicia Jct.	By 11:10:10 AM	11:10:11 AM	11:47:04 AM
38-39	56.2 MPH	61.0 MPH	64.2 MPH
39-40	54.5	62.0	65.4
40-41	52.9	61.0	65.4
41-42	57.1	62.0	60.0
42-43	56.2	62.0	65.4
43-44	61.0	66.6	70.6
44-45	57.1	65.3	67.9
45-46	58.0	64.2	70.6
46-47	58.0	65.3	69.2
47-48	55.3	61.0	66.6
48-49	58.0	51.4	60.0
Suisun	By 11:21:40 AM	11:20:45 AM	11:57:08 AM
49-50	53.7 MPH	44.4 MPH	52.1 MPH
50-51	50.7	56.2	62.0
51-52	50.5	58.0	60.0
52-53	60.0	64.2	67.9
53-54	55.3	60.0	64.2
54-55	55.3	61.0	63.1
55-56	55.3	60.0	64.2
56-57	58.0	63.0	67.9
57-58	63.0	67.9	72.0
58-59	65.0	66.6	72.0
Elmira	By 11:32:35 AM	11:31:15 AM	12:06:54 PM
59-60	64.2 MPH	67.9 MPH	75.0 MPH
60-61	63.0	67.9	75.0
61-62	62.0	66.6	75.0
62-63	64.2	66.6	76.6
63-64	64.2	66.6	73.5
64-65	60.0	63.0	73.5
65-66	61.0	65.3	72.0
66-67	64.2	67.9	75.0

Sheet 3 - Performance of Motors 11, 8 and 8 on Test Runs - Eastward

Station or MP	Motor 11, Aug.24 with Coach 2053 Wt. 109,920# Distillate Fuel	Motor 8, Aug.31 with Coach 2053 Wt. 109,920# Butane Fuel	Motor 8, Jan.13,1934 with Coach 2156 Wt. 119,640# High Geared Motor Butane Fuel
Dixon	By 11:40:25 AM	11:38:45 AM	12:18:34 PM
MP 67-68	55.3 MPH	44.4 MPH	62.0 MPH
68-69	60.0	51.4	67.9
69-70	60.0	52.0	69.2
70-71	59.0	59.0	67.9
71-72	60.0	65.3	70.6
72-73	57.1	61.0	67.9
73-74	62.0	65.3	70.6
74-75	62.0	67.9	63.1
Davis	By 11:48:35 AM	11:47:01 AM	12:20:45 PM
MP 75-76	61.0 MPH	59.0 MPH	63.1 MPH
76-77	60.0	60.0	59.0
77-78	59.0	60.0	64.2
78-79	62.0	66.6	64.2
79-80	62.0	65.3	70.6
80-81	60.0	66.6	70.6
81-82	63.0	69.2	75.0
82-83	64.2	69.2	75.0
83-84	59.0	65/3	67.9
84-85	60.0	65.3	69.2
85-86	61.0	67.9	72.0
Mikon			
MP 86-87		64.2	72.0
87-88		59.0	69.2
Arrd. Sacramento	12:02:30 PM	12:00:02 PM	12:33:08 PM