

**Manifold Coating:**

Cermachrome (IndyKrom) base coat; Black Satin (IndyBlak) top coat. Applied to exhaust manifolds and turbo exhaust housings both inside and out.

Test Machine:

Hitachi EX3500-2 Hydraulic Excavator

Test Engines:

Cummins K-T38 C 900, 900HP @ 1,800 R.P.M.

Engine Load Factor:

85%+

Test Instrument:

Testo 177-T4 Temperature Data Logger. (German)

Test Probes:

Stainless Shrouded 4 metre Thermocouples.

Test Conditions: (Uncoated Engine)

Excavator was stopped for daily fuelling. Test instrument was attached to the bulkhead of the L/H engine room. Test probe was clamped to the No: 1 and 2 exhaust manifold of the L/H (non ceramic coated) engine. Instrument was set to take a temperature reading every 1 minute for a 24 hour period.

Operating Hours of Excavator during test:

23 Hours.

Test Conditions: (Ceramic Coated Engine)

Excavator was stopped again for daily fuelling. Data from test instrument was downloaded to laptop. Test probe was removed from the L/H uncoated engine and clamped to No: 1 and 2 exhaust manifold of the ceramic coated R/H engine

Operating Hours of Excavator during test:

23.5 Hours

Note* Same test probe used for uniformity of test.

Test instrument was again programmed to take a temperature reading every 1 minute for a 24 hour period.

Following the ceramic engine test the excavator was again stopped for fuelling and the test instrument removed and the data downloaded to laptop.

Test Results:**Uncoated Engine:**

Number of Readings: 1,388

Max Temperature Recorded: 346.2 C

Min Temperature Recorded: 68.5 C

Average Temperature Recorded: 263.1 C

Number of Readings Above 207 C (Ignition Point of Hydraulic Oil): 1,193

Average Percentage of Readings Above 207 C: (Ignition Point of Hydraulic Oil): 85%

Average Percentage of Readings Below 207 C: (Ignition Point of Hydraulic Oil): 15%

Ceramic Coated Engine:

Number of Readings: 1,388

Max Temperature Recorded: 211.7 C

Min Temperature Recorded: 47.4 C

Average Temperature Recorded: 94.0 C

Number of Readings Above 207 C (Ignition Point of Hydraulic Oil): 2

Average Percentage of Readings Above 207 C (Ignition Point of Hydraulic Oil): .001%

Average Percentage of Readings Below 207 C: (Ignition Point of Hydraulic Oil): 99.99%

Percentage of Temperature Reduction Ceramic Coated Manifolds versus Uncoated Manifolds: Max Temp: 39%

Percentage of Temperature Reduction Ceramic Coated Manifolds versus Uncoated Manifolds: Min Temp: 31%

Percentage of Temperature Reduction Ceramic Coated Manifolds versus Uncoated Manifolds: Avg. Temp: 64%

Test Data Below:

**UNCOATED
MANIFOLDS**

**COATED
MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1	6/24/2004	11:12:30 AM	94.9	1	6/25/2004	10:40:26 AM	77.3
2	6/24/2004	11:13:30 AM	93.6	2	6/25/2004	10:41:26 AM	75.8
3	6/24/2004	11:14:30 AM	92	3	6/25/2004	10:42:26 AM	75.5
4	6/24/2004	11:15:30 AM	91.3	4	6/25/2004	10:43:26 AM	79.2
5	6/24/2004	11:16:30 AM	90	5	6/25/2004	10:44:26 AM	71.6
6	6/24/2004	11:17:30 AM	89	6	6/25/2004	10:45:26 AM	73.4
7	6/24/2004	11:18:30 AM	88.7	7	6/25/2004	10:46:26 AM	74.8
8	6/24/2004	11:19:30 AM	87.3	8	6/25/2004	10:47:26 AM	65.9
9	6/24/2004	11:20:30 AM	87.2	9	6/25/2004	10:48:26 AM	57
10	6/24/2004	11:21:30 AM	85.7	10	6/25/2004	10:49:26 AM	55.2
11	6/24/2004	11:22:30 AM	82.7	11	6/25/2004	10:50:26 AM	65.7
12	6/24/2004	11:23:30 AM	84.1	12	6/25/2004	10:51:26 AM	75.3
13	6/24/2004	11:24:30 AM	92	13	6/25/2004	10:52:26 AM	74.9
14	6/24/2004	11:25:30 AM	99.7	14	6/25/2004	10:53:26 AM	78.6
15	6/24/2004	11:26:30 AM	113.3	15	6/25/2004	10:54:26 AM	81.1
16	6/24/2004	11:27:30 AM	119.7	16	6/25/2004	10:55:26 AM	81.3
17	6/24/2004	11:28:30 AM	175.7	17	6/25/2004	10:56:26 AM	86.6
18	6/24/2004	11:29:30 AM	216.5	18	6/25/2004	10:57:26 AM	89.3
19	6/24/2004	11:30:30 AM	246	19	6/25/2004	10:58:26 AM	90.7
20	6/24/2004	11:31:30 AM	260.2	20	6/25/2004	10:59:26 AM	96
21	6/24/2004	11:32:30 AM	252.2	21	6/25/2004	11:00:26 AM	84.7
22	6/24/2004	11:33:30 AM	228.9	22	6/25/2004	11:01:26 AM	87.6
23	6/24/2004	11:34:30 AM	195.7	23	6/25/2004	11:02:26 AM	91.4
24	6/24/2004	11:35:30 AM	165.4	24	6/25/2004	11:03:26 AM	90.7
25	6/24/2004	11:36:30 AM	187.9	25	6/25/2004	11:04:26 AM	90.8
26	6/24/2004	11:37:30 AM	250	26	6/25/2004	11:05:26 AM	92.7
27	6/24/2004	11:38:30 AM	248	27	6/25/2004	11:06:26 AM	93.7
28	6/24/2004	11:39:30 AM	272.4	28	6/25/2004	11:07:26 AM	93.1
29	6/24/2004	11:40:30 AM	285.9	29	6/25/2004	11:08:26 AM	94.3
30	6/24/2004	11:41:30 AM	296.9	30	6/25/2004	11:09:26 AM	86.3
31	6/24/2004	11:42:30 AM	283.8	31	6/25/2004	11:10:26 AM	80.8
32	6/24/2004	11:43:30 AM	299.6	32	6/25/2004	11:11:26 AM	72.5
33	6/24/2004	11:44:30 AM	259.5	33	6/25/2004	11:12:26 AM	68.9
34	6/24/2004	11:45:30 AM	252.9	34	6/25/2004	11:13:26 AM	71.3
35	6/24/2004	11:46:30 AM	284.1	35	6/25/2004	11:14:26 AM	80.7
36	6/24/2004	11:47:30 AM	297.2	36	6/25/2004	11:15:26 AM	88.6
37	6/24/2004	11:48:30 AM	298.4	37	6/25/2004	11:16:26 AM	89.4
38	6/24/2004	11:49:30 AM	272.5	38	6/25/2004	11:17:26 AM	91.2
39	6/24/2004	11:50:30 AM	237.7	39	6/25/2004	11:18:26 AM	96.5
40	6/24/2004	11:51:30 AM	208.5	40	6/25/2004	11:19:26 AM	96.4
41	6/24/2004	11:52:30 AM	204.6	41	6/25/2004	11:20:26 AM	99.6
42	6/24/2004	11:53:30 AM	189.1	42	6/25/2004	11:21:26 AM	98
43	6/24/2004	11:54:30 AM	171.7	43	6/25/2004	11:22:26 AM	96.2
44	6/24/2004	11:55:30 AM	151.3	44	6/25/2004	11:23:26 AM	88.9
45	6/24/2004	11:56:30 AM	141.3	45	6/25/2004	11:24:26 AM	81.5
46	6/24/2004	11:57:30 AM	132.8	46	6/25/2004	11:25:26 AM	73.9
47	6/24/2004	11:58:30 AM	123.1	47	6/25/2004	11:26:26 AM	82.3

**UNCOATED
MANIFOLDS**

**COATED
MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
48	6/24/2004	11:59:30 AM	117.9	48	6/25/2004	11:27:26 AM	91.1
49	6/24/2004	12:00:30 PM	113	49	6/25/2004	11:28:26 AM	94.5
50	6/24/2004	12:01:30 PM	110	50	6/25/2004	11:29:26 AM	94.6
51	6/24/2004	12:02:30 PM	107.2	51	6/25/2004	11:30:26 AM	90.7
52	6/24/2004	12:03:30 PM	104.5	52	6/25/2004	11:31:26 AM	80.6
53	6/24/2004	12:04:30 PM	133.5	53	6/25/2004	11:32:26 AM	76
54	6/24/2004	12:05:30 PM	187.7	54	6/25/2004	11:33:26 AM	85.3
55	6/24/2004	12:06:30 PM	237.6	55	6/25/2004	11:34:26 AM	91.6
56	6/24/2004	12:07:30 PM	253.5	56	6/25/2004	11:35:26 AM	93.2
57	6/24/2004	12:08:30 PM	264.7	57	6/25/2004	11:36:26 AM	95.4
58	6/24/2004	12:09:30 PM	239.5	58	6/25/2004	11:37:26 AM	101.1
59	6/24/2004	12:10:30 PM	219.3	59	6/25/2004	11:38:26 AM	94.8
60	6/24/2004	12:11:30 PM	198.9	60	6/25/2004	11:39:26 AM	102.9
61	6/24/2004	12:12:30 PM	182.4	61	6/25/2004	11:40:26 AM	97.2
62	6/24/2004	12:13:30 PM	177.4	62	6/25/2004	11:41:26 AM	98.1
63	6/24/2004	12:14:30 PM	168.1	63	6/25/2004	11:42:26 AM	95
64	6/24/2004	12:15:30 PM	190.5	64	6/25/2004	11:43:26 AM	100.8
65	6/24/2004	12:16:30 PM	242.2	65	6/25/2004	11:44:26 AM	98.7
66	6/24/2004	12:17:30 PM	257.3	66	6/25/2004	11:45:26 AM	103.2
67	6/24/2004	12:18:30 PM	252.2	67	6/25/2004	11:46:26 AM	105.8
68	6/24/2004	12:19:30 PM	266.2	68	6/25/2004	11:47:26 AM	211.7 Highest
69	6/24/2004	12:20:30 PM	269.8	69	6/25/2004	11:48:26 AM	207.1
70	6/24/2004	12:21:30 PM	280.5	70	6/25/2004	11:49:26 AM	193.9
71	6/24/2004	12:22:30 PM	295.2	71	6/25/2004	11:50:26 AM	180.2
72	6/24/2004	12:23:30 PM	291	72	6/25/2004	11:51:26 AM	175.8
73	6/24/2004	12:24:30 PM	261.8	73	6/25/2004	11:52:26 AM	162
74	6/24/2004	12:25:30 PM	234.1	74	6/25/2004	11:53:26 AM	158.2
75	6/24/2004	12:26:30 PM	271.4	75	6/25/2004	11:54:26 AM	148.7
76	6/24/2004	12:27:30 PM	276.5	76	6/25/2004	11:55:26 AM	145.6
77	6/24/2004	12:28:30 PM	284.6	77	6/25/2004	11:56:26 AM	135.2
78	6/24/2004	12:29:30 PM	289.2	78	6/25/2004	11:57:26 AM	130.3
79	6/24/2004	12:30:30 PM	316.3	79	6/25/2004	11:58:26 AM	127.7
80	6/24/2004	12:31:30 PM	324	80	6/25/2004	11:59:26 AM	119.8
81	6/24/2004	12:32:30 PM	315.4	81	6/25/2004	12:00:26 PM	114.1
82	6/24/2004	12:33:30 PM	331	82	6/25/2004	12:01:26 PM	110.3
83	6/24/2004	12:34:30 PM	320.9	83	6/25/2004	12:02:26 PM	113.7
84	6/24/2004	12:35:30 PM	330.3	84	6/25/2004	12:03:26 PM	106.7
85	6/24/2004	12:36:30 PM	328	85	6/25/2004	12:04:26 PM	103.6
86	6/24/2004	12:37:30 PM	337.5	86	6/25/2004	12:05:26 PM	101.6
87	6/24/2004	12:38:30 PM	331	87	6/25/2004	12:06:26 PM	101.1
88	6/24/2004	12:39:30 PM	317	88	6/25/2004	12:07:26 PM	97.2
89	6/24/2004	12:40:30 PM	275	89	6/25/2004	12:08:26 PM	92.6
90	6/24/2004	12:41:30 PM	235.5	90	6/25/2004	12:09:26 PM	93.8
91	6/24/2004	12:42:30 PM	203.9	91	6/25/2004	12:10:26 PM	86.8
92	6/24/2004	12:43:30 PM	180.6	92	6/25/2004	12:11:26 PM	92.4
93	6/24/2004	12:44:30 PM	161.4	93	6/25/2004	12:12:26 PM	89.6
94	6/24/2004	12:45:30 PM	149.4	94	6/25/2004	12:13:26 PM	90

**UNCOATED
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346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
95	6/24/2004	12:46:30 PM	136.5	95	6/25/2004	12:14:26 PM	87.4
96	6/24/2004	12:47:30 PM	129.6	96	6/25/2004	12:15:26 PM	87.7
97	6/24/2004	12:48:30 PM	122.7	97	6/25/2004	12:16:26 PM	79.5
98	6/24/2004	12:49:30 PM	117.6	98	6/25/2004	12:17:26 PM	86.2
99	6/24/2004	12:50:30 PM	115.6	99	6/25/2004	12:18:26 PM	82.8
100	6/24/2004	12:51:30 PM	111.4	100	6/25/2004	12:19:26 PM	79.5
101	6/24/2004	12:52:30 PM	108	101	6/25/2004	12:20:26 PM	82.6
102	6/24/2004	12:53:30 PM	107.3	102	6/25/2004	12:21:26 PM	74.6
103	6/24/2004	12:54:30 PM	104.9	103	6/25/2004	12:22:26 PM	83.2
104	6/24/2004	12:55:30 PM	164.1	104	6/25/2004	12:23:26 PM	79.6
105	6/24/2004	12:56:30 PM	210.5	105	6/25/2004	12:24:26 PM	82.1
106	6/24/2004	12:57:30 PM	203.6	106	6/25/2004	12:25:26 PM	79.6
107	6/24/2004	12:58:30 PM	195.4	107	6/25/2004	12:26:26 PM	79.7
108	6/24/2004	12:59:30 PM	181.2	108	6/25/2004	12:27:26 PM	78.5
109	6/24/2004	13:00:30 PM	232.9	109	6/25/2004	12:28:26 PM	76.9
110	6/24/2004	13:01:30 PM	251.5	110	6/25/2004	12:29:26 PM	77
111	6/24/2004	13:02:30 PM	260.9	111	6/25/2004	12:30:26 PM	74
112	6/24/2004	13:03:30 PM	257.7	112	6/25/2004	12:31:26 PM	74.9
113	6/24/2004	13:04:30 PM	294.6	113	6/25/2004	12:32:26 PM	71.9
114	6/24/2004	13:05:30 PM	281.1	114	6/25/2004	12:33:26 PM	73.6
115	6/24/2004	13:06:30 PM	300.8	115	6/25/2004	12:34:26 PM	73.7
116	6/24/2004	13:07:30 PM	313.8	116	6/25/2004	12:35:26 PM	76.5
117	6/24/2004	13:08:30 PM	323.2	117	6/25/2004	12:36:26 PM	75.1
118	6/24/2004	13:09:30 PM	318.5	118	6/25/2004	12:37:26 PM	72.2
119	6/24/2004	13:10:30 PM	334.1	119	6/25/2004	12:38:26 PM	72
120	6/24/2004	13:11:30 PM	328.6	120	6/25/2004	12:39:26 PM	73.1
121	6/24/2004	13:12:30 PM	301.3	121	6/25/2004	12:40:26 PM	71.4
122	6/24/2004	13:13:30 PM	328.8	122	6/25/2004	12:41:26 PM	71.4
123	6/24/2004	13:14:30 PM	336.2	123	6/25/2004	12:42:26 PM	71.3
124	6/24/2004	13:15:30 PM	311.7	124	6/25/2004	12:43:26 PM	70.8
125	6/24/2004	13:16:30 PM	315.9	125	6/25/2004	12:44:26 PM	72.1
126	6/24/2004	13:17:30 PM	305.8	126	6/25/2004	12:45:26 PM	69.8
127	6/24/2004	13:18:30 PM	321.5	127	6/25/2004	12:46:26 PM	72.2
128	6/24/2004	13:19:30 PM	320.5	128	6/25/2004	12:47:26 PM	70.5
129	6/24/2004	13:20:30 PM	308.7	129	6/25/2004	12:48:26 PM	71.6
130	6/24/2004	13:21:30 PM	294.3	130	6/25/2004	12:49:26 PM	69.6
131	6/24/2004	13:22:30 PM	290.3	131	6/25/2004	12:50:26 PM	65.3
132	6/24/2004	13:23:30 PM	315.6	132	6/25/2004	12:51:26 PM	68.9
133	6/24/2004	13:24:30 PM	329.8	133	6/25/2004	12:52:26 PM	71.4
134	6/24/2004	13:25:30 PM	325.7	134	6/25/2004	12:53:26 PM	71
135	6/24/2004	13:26:30 PM	321	135	6/25/2004	12:54:26 PM	68.1
136	6/24/2004	13:27:30 PM	281.1	136	6/25/2004	12:55:26 PM	69.6
137	6/24/2004	13:28:30 PM	253.6	137	6/25/2004	12:56:26 PM	64.4
138	6/24/2004	13:29:30 PM	267.4	138	6/25/2004	12:57:26 PM	68.9
139	6/24/2004	13:30:30 PM	298.1	139	6/25/2004	12:58:26 PM	66.7
140	6/24/2004	13:31:30 PM	299.5	140	6/25/2004	12:59:26 PM	65.3
141	6/24/2004	13:32:30 PM	304.7	141	6/25/2004	13:00:26 PM	53.9

**UNCOATED
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68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C		Hexindo Test2	Date	Time	°C	
142	6/24/2004	13:33:30 PM	315.1		142	6/25/2004	13:01:26 PM	69	
143	6/24/2004	13:34:30 PM	327		143	6/25/2004	13:02:26 PM	75.4	
144	6/24/2004	13:35:30 PM	312.5		144	6/25/2004	13:03:26 PM	81.4	
145	6/24/2004	13:36:30 PM	319.5		145	6/25/2004	13:04:26 PM	92.3	
146	6/24/2004	13:37:30 PM	328.5		146	6/25/2004	13:05:26 PM	92	
147	6/24/2004	13:38:30 PM	339.5		147	6/25/2004	13:06:26 PM	95.9	
148	6/24/2004	13:39:30 PM	327.5		148	6/25/2004	13:07:26 PM	95.2	
149	6/24/2004	13:40:30 PM	323.9		149	6/25/2004	13:08:26 PM	89.8	
150	6/24/2004	13:41:30 PM	336.8		150	6/25/2004	13:09:26 PM	93.2	
151	6/24/2004	13:42:30 PM	309.5		151	6/25/2004	13:10:26 PM	99.8	
152	6/24/2004	13:43:30 PM	344		152	6/25/2004	13:11:26 PM	95	
153	6/24/2004	13:44:30 PM	340.6		153	6/25/2004	13:12:26 PM	96.7	
154	6/24/2004	13:45:30 PM	333		154	6/25/2004	13:13:26 PM	96.4	
155	6/24/2004	13:46:30 PM	338.8		155	6/25/2004	13:14:26 PM	103.3	
156	6/24/2004	13:47:30 PM	343.5		156	6/25/2004	13:15:26 PM	101.8	
157	6/24/2004	13:48:30 PM	329.9		157	6/25/2004	13:16:26 PM	104.6	
158	6/24/2004	13:49:30 PM	328.2		158	6/25/2004	13:17:26 PM	100.6	
159	6/24/2004	13:50:30 PM	335.2		159	6/25/2004	13:18:26 PM	100	
160	6/24/2004	13:51:30 PM	318.1		160	6/25/2004	13:19:26 PM	102.2	
161	6/24/2004	13:52:30 PM	325.4		161	6/25/2004	13:20:26 PM	96.9	
162	6/24/2004	13:53:30 PM	316.6		162	6/25/2004	13:21:26 PM	102	
163	6/24/2004	13:54:30 PM	325.8		163	6/25/2004	13:22:26 PM	99.7	
164	6/24/2004	13:55:30 PM	345.1		164	6/25/2004	13:23:26 PM	103.1	
165	6/24/2004	13:56:30 PM	331.9		165	6/25/2004	13:24:26 PM	102.4	
166	6/24/2004	13:57:30 PM	337.3		166	6/25/2004	13:25:26 PM	102.9	
167	6/24/2004	13:58:30 PM	346.2	Highest	167	6/25/2004	13:26:26 PM	106.2	
168	6/24/2004	13:59:30 PM	307.9		168	6/25/2004	13:27:26 PM	101.7	
169	6/24/2004	14:00:30 PM	321.6		169	6/25/2004	13:28:26 PM	97.4	
170	6/24/2004	14:01:30 PM	327.8		170	6/25/2004	13:29:26 PM	98.8	
171	6/24/2004	14:02:30 PM	334.7		171	6/25/2004	13:30:26 PM	92.1	
172	6/24/2004	14:03:30 PM	342.5		172	6/25/2004	13:31:26 PM	87.5	
173	6/24/2004	14:04:30 PM	333.4		173	6/25/2004	13:32:26 PM	82.9	
174	6/24/2004	14:05:30 PM	325.1		174	6/25/2004	13:33:26 PM	85.6	
175	6/24/2004	14:06:30 PM	328.1		175	6/25/2004	13:34:26 PM	95.5	
176	6/24/2004	14:07:30 PM	316.7		176	6/25/2004	13:35:26 PM	98.1	
177	6/24/2004	14:08:30 PM	270		177	6/25/2004	13:36:26 PM	96.8	
178	6/24/2004	14:09:30 PM	228.1		178	6/25/2004	13:37:26 PM	98.9	
179	6/24/2004	14:10:30 PM	202.6		179	6/25/2004	13:38:26 PM	101.5	
180	6/24/2004	14:11:30 PM	180.5		180	6/25/2004	13:39:26 PM	102.4	
181	6/24/2004	14:12:30 PM	162.4		181	6/25/2004	13:40:26 PM	103.3	
182	6/24/2004	14:13:30 PM	148.2		182	6/25/2004	13:41:26 PM	100.8	
183	6/24/2004	14:14:30 PM	137.7		183	6/25/2004	13:42:26 PM	102.4	
184	6/24/2004	14:15:30 PM	130.7		184	6/25/2004	13:43:26 PM	96.2	
185	6/24/2004	14:16:30 PM	123.7		185	6/25/2004	13:44:26 PM	95.1	
186	6/24/2004	14:17:30 PM	125.1		186	6/25/2004	13:45:26 PM	98.5	
187	6/24/2004	14:18:30 PM	184.5		187	6/25/2004	13:46:26 PM	97.1	
188	6/24/2004	14:19:30 PM	209.4		188	6/25/2004	13:47:26 PM	96.3	

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
189	6/24/2004	14:20:30 PM	207.1	189	6/25/2004	13:48:26 PM	96.5
190	6/24/2004	14:21:30 PM	195.5	190	6/25/2004	13:49:26 PM	93.7
191	6/24/2004	14:22:30 PM	228.4	191	6/25/2004	13:50:26 PM	89.8
192	6/24/2004	14:23:30 PM	251.4	192	6/25/2004	13:51:26 PM	97
193	6/24/2004	14:24:30 PM	287	193	6/25/2004	13:52:26 PM	103.8
194	6/24/2004	14:25:30 PM	293.6	194	6/25/2004	13:53:26 PM	99.9
195	6/24/2004	14:26:30 PM	292.7	195	6/25/2004	13:54:26 PM	105.2
196	6/24/2004	14:27:30 PM	309.6	196	6/25/2004	13:55:26 PM	99.7
197	6/24/2004	14:28:30 PM	285.4	197	6/25/2004	13:56:26 PM	101.3
198	6/24/2004	14:29:30 PM	310.4	198	6/25/2004	13:57:26 PM	102.2
199	6/24/2004	14:30:30 PM	294.8	199	6/25/2004	13:58:26 PM	101.5
200	6/24/2004	14:31:30 PM	320.7	200	6/25/2004	13:59:26 PM	105.4
201	6/24/2004	14:32:30 PM	324.1	201	6/25/2004	14:00:26 PM	103.6
202	6/24/2004	14:33:30 PM	304.8	202	6/25/2004	14:01:26 PM	100.6
203	6/24/2004	14:34:30 PM	307.1	203	6/25/2004	14:02:26 PM	105.3
204	6/24/2004	14:35:30 PM	291.3	204	6/25/2004	14:03:26 PM	105.2
205	6/24/2004	14:36:30 PM	321.7	205	6/25/2004	14:04:26 PM	106.1
206	6/24/2004	14:37:30 PM	312.1	206	6/25/2004	14:05:26 PM	100.9
207	6/24/2004	14:38:30 PM	324	207	6/25/2004	14:06:26 PM	103.5
208	6/24/2004	14:39:30 PM	319	208	6/25/2004	14:07:26 PM	106.9
209	6/24/2004	14:40:30 PM	320.4	209	6/25/2004	14:08:26 PM	102.9
210	6/24/2004	14:41:30 PM	312.3	210	6/25/2004	14:09:26 PM	98.3
211	6/24/2004	14:42:30 PM	317.4	211	6/25/2004	14:10:26 PM	84.7
212	6/24/2004	14:43:30 PM	323.9	212	6/25/2004	14:11:26 PM	77.5
213	6/24/2004	14:44:30 PM	321.9	213	6/25/2004	14:12:26 PM	76
214	6/24/2004	14:45:30 PM	320.7	214	6/25/2004	14:13:26 PM	87
215	6/24/2004	14:46:30 PM	322.6	215	6/25/2004	14:14:26 PM	93.8
216	6/24/2004	14:47:30 PM	321.1	216	6/25/2004	14:15:26 PM	97.9
217	6/24/2004	14:48:30 PM	318.5	217	6/25/2004	14:16:26 PM	99.4
218	6/24/2004	14:49:30 PM	325	218	6/25/2004	14:17:26 PM	95.6
219	6/24/2004	14:50:30 PM	316.1	219	6/25/2004	14:18:26 PM	95.8
220	6/24/2004	14:51:30 PM	305.6	220	6/25/2004	14:19:26 PM	99
221	6/24/2004	14:52:30 PM	320.7	221	6/25/2004	14:20:26 PM	98.8
222	6/24/2004	14:53:30 PM	284.4	222	6/25/2004	14:21:26 PM	95.5
223	6/24/2004	14:54:30 PM	298.5	223	6/25/2004	14:22:26 PM	90.2
224	6/24/2004	14:55:30 PM	261.7	224	6/25/2004	14:23:26 PM	95.4
225	6/24/2004	14:56:30 PM	225.3	225	6/25/2004	14:24:26 PM	97.2
226	6/24/2004	14:57:30 PM	194.3	226	6/25/2004	14:25:26 PM	96.1
227	6/24/2004	14:58:30 PM	175	227	6/25/2004	14:26:26 PM	96.3
228	6/24/2004	14:59:30 PM	156.4	228	6/25/2004	14:27:26 PM	100.5
229	6/24/2004	15:00:30 PM	144.3	229	6/25/2004	14:28:26 PM	98.9
230	6/24/2004	15:01:30 PM	152.7	230	6/25/2004	14:29:26 PM	97.4
231	6/24/2004	15:02:30 PM	190.9	231	6/25/2004	14:30:26 PM	97
232	6/24/2004	15:03:30 PM	234.8	232	6/25/2004	14:31:26 PM	96
233	6/24/2004	15:04:30 PM	269.1	233	6/25/2004	14:32:26 PM	95.3
234	6/24/2004	15:05:30 PM	264.8	234	6/25/2004	14:33:26 PM	97
235	6/24/2004	15:06:30 PM	269.1	235	6/25/2004	14:34:26 PM	99.2

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
236	6/24/2004	15:07:30 PM	264.6	236	6/25/2004	14:35:26 PM	101
237	6/24/2004	15:08:30 PM	279.1	237	6/25/2004	14:36:26 PM	105
238	6/24/2004	15:09:30 PM	266.4	238	6/25/2004	14:37:26 PM	104.2
239	6/24/2004	15:10:30 PM	267	239	6/25/2004	14:38:26 PM	105.4
240	6/24/2004	15:11:30 PM	289.4	240	6/25/2004	14:39:26 PM	102.7
241	6/24/2004	15:12:30 PM	288.2	241	6/25/2004	14:40:26 PM	99.7
242	6/24/2004	15:13:30 PM	299.7	242	6/25/2004	14:41:26 PM	98.9
243	6/24/2004	15:14:30 PM	303.8	243	6/25/2004	14:42:26 PM	103.4
244	6/24/2004	15:15:30 PM	305.2	244	6/25/2004	14:43:26 PM	104.2
245	6/24/2004	15:16:30 PM	294.2	245	6/25/2004	14:44:26 PM	107.8
246	6/24/2004	15:17:30 PM	282.2	246	6/25/2004	14:45:26 PM	108
247	6/24/2004	15:18:30 PM	300.4	247	6/25/2004	14:46:26 PM	109.1
248	6/24/2004	15:19:30 PM	306	248	6/25/2004	14:47:26 PM	105.4
249	6/24/2004	15:20:30 PM	302.5	249	6/25/2004	14:48:26 PM	105.4
250	6/24/2004	15:21:30 PM	299.8	250	6/25/2004	14:49:26 PM	98.7
251	6/24/2004	15:22:30 PM	289	251	6/25/2004	14:50:26 PM	99.5
252	6/24/2004	15:23:30 PM	299.4	252	6/25/2004	14:51:26 PM	89.3
253	6/24/2004	15:24:30 PM	295.6	253	6/25/2004	14:52:26 PM	79.3
254	6/24/2004	15:25:30 PM	300.3	254	6/25/2004	14:53:26 PM	71.4
255	6/24/2004	15:26:30 PM	305.7	255	6/25/2004	14:54:26 PM	66.1
256	6/24/2004	15:27:30 PM	298.8	256	6/25/2004	14:55:26 PM	61.7
257	6/24/2004	15:28:30 PM	299.2	257	6/25/2004	14:56:26 PM	58.5
258	6/24/2004	15:29:30 PM	307.9	258	6/25/2004	14:57:26 PM	56.4
259	6/24/2004	15:30:30 PM	299.7	259	6/25/2004	14:58:26 PM	54.5
260	6/24/2004	15:31:30 PM	307	260	6/25/2004	14:59:26 PM	62.3
261	6/24/2004	15:32:30 PM	305.2	261	6/25/2004	15:00:26 PM	76.4
262	6/24/2004	15:33:30 PM	307.6	262	6/25/2004	15:01:26 PM	77.8
263	6/24/2004	15:34:30 PM	305.3	263	6/25/2004	15:02:26 PM	88.7
264	6/24/2004	15:35:30 PM	313.4	264	6/25/2004	15:03:26 PM	88.3
265	6/24/2004	15:36:30 PM	316.3	265	6/25/2004	15:04:26 PM	89.9
266	6/24/2004	15:37:30 PM	312.9	266	6/25/2004	15:05:26 PM	100
267	6/24/2004	15:38:30 PM	317	267	6/25/2004	15:06:26 PM	101.8
268	6/24/2004	15:39:30 PM	310.6	268	6/25/2004	15:07:26 PM	99.4
269	6/24/2004	15:40:30 PM	291.2	269	6/25/2004	15:08:26 PM	102.9
270	6/24/2004	15:41:30 PM	291.2	270	6/25/2004	15:09:26 PM	102.9
271	6/24/2004	15:42:30 PM	303	271	6/25/2004	15:10:26 PM	100.9
272	6/24/2004	15:43:30 PM	308.5	272	6/25/2004	15:11:26 PM	98.4
273	6/24/2004	15:44:30 PM	292.6	273	6/25/2004	15:12:26 PM	92.5
274	6/24/2004	15:45:30 PM	310.3	274	6/25/2004	15:13:26 PM	97.1
275	6/24/2004	15:46:30 PM	314	275	6/25/2004	15:14:26 PM	100.8
276	6/24/2004	15:47:30 PM	310.8	276	6/25/2004	15:15:26 PM	107.3
277	6/24/2004	15:48:30 PM	319.4	277	6/25/2004	15:16:26 PM	105.7
278	6/24/2004	15:49:30 PM	309.2	278	6/25/2004	15:17:26 PM	101.3
279	6/24/2004	15:50:30 PM	310.8	279	6/25/2004	15:18:26 PM	98.7
280	6/24/2004	15:51:30 PM	282.6	280	6/25/2004	15:19:26 PM	100
281	6/24/2004	15:52:30 PM	273.9	281	6/25/2004	15:20:26 PM	96
282	6/24/2004	15:53:30 PM	257.6	282	6/25/2004	15:21:26 PM	98.6

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
283	6/24/2004	15:54:30 PM	233.8	283	6/25/2004	15:22:26 PM	101
284	6/24/2004	15:55:30 PM	239.7	284	6/25/2004	15:23:26 PM	99.6
285	6/24/2004	15:56:30 PM	236	285	6/25/2004	15:24:26 PM	104.1
286	6/24/2004	15:57:30 PM	239.9	286	6/25/2004	15:25:26 PM	108.3
287	6/24/2004	15:58:30 PM	243.8	287	6/25/2004	15:26:26 PM	104.4
288	6/24/2004	15:59:30 PM	272.3	288	6/25/2004	15:27:26 PM	105.7
289	6/24/2004	16:00:30 PM	285.8	289	6/25/2004	15:28:26 PM	106
290	6/24/2004	16:01:30 PM	288.4	290	6/25/2004	15:29:26 PM	104.6
291	6/24/2004	16:02:30 PM	297.3	291	6/25/2004	15:30:26 PM	102.9
292	6/24/2004	16:03:30 PM	300.4	292	6/25/2004	15:31:26 PM	89.2
293	6/24/2004	16:04:30 PM	291.9	293	6/25/2004	15:32:26 PM	82.7
294	6/24/2004	16:05:30 PM	297.1	294	6/25/2004	15:33:26 PM	90
295	6/24/2004	16:06:30 PM	292.8	295	6/25/2004	15:34:26 PM	94.3
296	6/24/2004	16:07:30 PM	316.1	296	6/25/2004	15:35:26 PM	89.9
297	6/24/2004	16:08:30 PM	289.7	297	6/25/2004	15:36:26 PM	100.8
298	6/24/2004	16:09:30 PM	269.3	298	6/25/2004	15:37:26 PM	97.6
299	6/24/2004	16:10:30 PM	245.6	299	6/25/2004	15:38:26 PM	94.3
300	6/24/2004	16:11:30 PM	229.6	300	6/25/2004	15:39:26 PM	81.2
301	6/24/2004	16:12:30 PM	215.8	301	6/25/2004	15:40:26 PM	81.4
302	6/24/2004	16:13:30 PM	203.8	302	6/25/2004	15:41:26 PM	90.9
303	6/24/2004	16:14:30 PM	192.7	303	6/25/2004	15:42:26 PM	96.6
304	6/24/2004	16:15:30 PM	181	304	6/25/2004	15:43:26 PM	94.7
305	6/24/2004	16:16:30 PM	172.2	305	6/25/2004	15:44:26 PM	98.1
306	6/24/2004	16:17:30 PM	163.3	306	6/25/2004	15:45:26 PM	103.1
307	6/24/2004	16:18:30 PM	156.8	307	6/25/2004	15:46:26 PM	102.1
308	6/24/2004	16:19:30 PM	152.5	308	6/25/2004	15:47:26 PM	104.8
309	6/24/2004	16:20:30 PM	143.6	309	6/25/2004	15:48:26 PM	102.3
310	6/24/2004	16:21:30 PM	137	310	6/25/2004	15:49:26 PM	104.5
311	6/24/2004	16:22:30 PM	133.6	311	6/25/2004	15:50:26 PM	100.9
312	6/24/2004	16:23:30 PM	129	312	6/25/2004	15:51:26 PM	96.6
313	6/24/2004	16:24:30 PM	124.3	313	6/25/2004	15:52:26 PM	101.1
314	6/24/2004	16:25:30 PM	121.2	314	6/25/2004	15:53:26 PM	99.7
315	6/24/2004	16:26:30 PM	120	315	6/25/2004	15:54:26 PM	93.8
316	6/24/2004	16:27:30 PM	117.3	316	6/25/2004	15:55:26 PM	98.6
317	6/24/2004	16:28:30 PM	113.2	317	6/25/2004	15:56:26 PM	102.4
318	6/24/2004	16:29:30 PM	111.8	318	6/25/2004	15:57:26 PM	104.5
319	6/24/2004	16:30:30 PM	109.5	319	6/25/2004	15:58:26 PM	102.9
320	6/24/2004	16:31:30 PM	104.8	320	6/25/2004	15:59:26 PM	104.8
321	6/24/2004	16:32:30 PM	104.7	321	6/25/2004	16:00:26 PM	105.1
322	6/24/2004	16:33:30 PM	120.9	322	6/25/2004	16:01:26 PM	100.4
323	6/24/2004	16:34:30 PM	154.6	323	6/25/2004	16:02:26 PM	99.1
324	6/24/2004	16:35:30 PM	192.2	324	6/25/2004	16:03:26 PM	97.7
325	6/24/2004	16:36:30 PM	197.7	325	6/25/2004	16:04:26 PM	104.5
326	6/24/2004	16:37:30 PM	210.8	326	6/25/2004	16:05:26 PM	102.8
327	6/24/2004	16:38:30 PM	209.7	327	6/25/2004	16:06:26 PM	106.4
328	6/24/2004	16:39:30 PM	214.5	328	6/25/2004	16:07:26 PM	88
329	6/24/2004	16:40:30 PM	214.7	329	6/25/2004	16:08:26 PM	91.7

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
330	6/24/2004	16:41:30 PM	206.1	330	6/25/2004	16:09:26 PM	96.5
331	6/24/2004	16:42:30 PM	232.1	331	6/25/2004	16:10:26 PM	98.7
332	6/24/2004	16:43:30 PM	237.2	332	6/25/2004	16:11:26 PM	94.2
333	6/24/2004	16:44:30 PM	238.4	333	6/25/2004	16:12:26 PM	84.2
334	6/24/2004	16:45:30 PM	232.9	334	6/25/2004	16:13:26 PM	88.8
335	6/24/2004	16:46:30 PM	237	335	6/25/2004	16:14:26 PM	97
336	6/24/2004	16:47:30 PM	252	336	6/25/2004	16:15:26 PM	98.8
337	6/24/2004	16:48:30 PM	256.8	337	6/25/2004	16:16:26 PM	100
338	6/24/2004	16:49:30 PM	256	338	6/25/2004	16:17:26 PM	82.8
339	6/24/2004	16:50:30 PM	271	339	6/25/2004	16:18:26 PM	85
340	6/24/2004	16:51:30 PM	247.8	340	6/25/2004	16:19:26 PM	91.2
341	6/24/2004	16:52:30 PM	244	341	6/25/2004	16:20:26 PM	87.9
342	6/24/2004	16:53:30 PM	269.3	342	6/25/2004	16:21:26 PM	92.7
343	6/24/2004	16:54:30 PM	264.7	343	6/25/2004	16:22:26 PM	95
344	6/24/2004	16:55:30 PM	281	344	6/25/2004	16:23:26 PM	96.7
345	6/24/2004	16:56:30 PM	289.4	345	6/25/2004	16:24:26 PM	97.3
346	6/24/2004	16:57:30 PM	278	346	6/25/2004	16:25:26 PM	100.9
347	6/24/2004	16:58:30 PM	280.6	347	6/25/2004	16:26:26 PM	93.7
348	6/24/2004	16:59:30 PM	281	348	6/25/2004	16:27:26 PM	97.3
349	6/24/2004	17:00:30 PM	276.3	349	6/25/2004	16:28:26 PM	99
350	6/24/2004	17:01:30 PM	291.5	350	6/25/2004	16:29:26 PM	106.6
351	6/24/2004	17:02:30 PM	289	351	6/25/2004	16:30:26 PM	104.1
352	6/24/2004	17:03:30 PM	288.4	352	6/25/2004	16:31:26 PM	103.6
353	6/24/2004	17:04:30 PM	295.8	353	6/25/2004	16:32:26 PM	107.2
354	6/24/2004	17:05:30 PM	295.3	354	6/25/2004	16:33:26 PM	101.1
355	6/24/2004	17:06:30 PM	290.3	355	6/25/2004	16:34:26 PM	105.1
356	6/24/2004	17:07:30 PM	298.8	356	6/25/2004	16:35:26 PM	102.8
357	6/24/2004	17:08:30 PM	298.9	357	6/25/2004	16:36:26 PM	108.5
358	6/24/2004	17:09:30 PM	284.4	358	6/25/2004	16:37:26 PM	104.2
359	6/24/2004	17:10:30 PM	295.3	359	6/25/2004	16:38:26 PM	106.9
360	6/24/2004	17:11:30 PM	297.1	360	6/25/2004	16:39:26 PM	104.5
361	6/24/2004	17:12:30 PM	300	361	6/25/2004	16:40:26 PM	100.3
362	6/24/2004	17:13:30 PM	283.4	362	6/25/2004	16:41:26 PM	103.7
363	6/24/2004	17:14:30 PM	300.5	363	6/25/2004	16:42:26 PM	98.8
364	6/24/2004	17:15:30 PM	290.9	364	6/25/2004	16:43:26 PM	100
365	6/24/2004	17:16:30 PM	292.2	365	6/25/2004	16:44:26 PM	99.3
366	6/24/2004	17:17:30 PM	297.1	366	6/25/2004	16:45:26 PM	107.9
367	6/24/2004	17:18:30 PM	299.4	367	6/25/2004	16:46:26 PM	105
368	6/24/2004	17:19:30 PM	298.7	368	6/25/2004	16:47:26 PM	103.7
369	6/24/2004	17:20:30 PM	302.7	369	6/25/2004	16:48:26 PM	108.4
370	6/24/2004	17:21:30 PM	298.7	370	6/25/2004	16:49:26 PM	107.5
371	6/24/2004	17:22:30 PM	313.5	371	6/25/2004	16:50:26 PM	104.5
372	6/24/2004	17:23:30 PM	312.4	372	6/25/2004	16:51:26 PM	104.8
373	6/24/2004	17:24:30 PM	268.1	373	6/25/2004	16:52:26 PM	103.5
374	6/24/2004	17:25:30 PM	243.5	374	6/25/2004	16:53:26 PM	107
375	6/24/2004	17:26:30 PM	230.7	375	6/25/2004	16:54:26 PM	106.5
376	6/24/2004	17:27:30 PM	255.5	376	6/25/2004	16:55:26 PM	102.4

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
377	6/24/2004	17:28:30 PM	266.3	377	6/25/2004	16:56:26 PM	106.2
378	6/24/2004	17:29:30 PM	267.2	378	6/25/2004	16:57:26 PM	105.2
379	6/24/2004	17:30:30 PM	281.8	379	6/25/2004	16:58:26 PM	102.7
380	6/24/2004	17:31:30 PM	288.4	380	6/25/2004	16:59:26 PM	102.1
381	6/24/2004	17:32:30 PM	268.6	381	6/25/2004	17:00:26 PM	106.2
382	6/24/2004	17:33:30 PM	272.6	382	6/25/2004	17:01:26 PM	105.9
383	6/24/2004	17:34:30 PM	281.5	383	6/25/2004	17:02:26 PM	103
384	6/24/2004	17:35:30 PM	281	384	6/25/2004	17:03:26 PM	101.3
385	6/24/2004	17:36:30 PM	299.2	385	6/25/2004	17:04:26 PM	105.9
386	6/24/2004	17:37:30 PM	301.5	386	6/25/2004	17:05:26 PM	97.3
387	6/24/2004	17:38:30 PM	292.8	387	6/25/2004	17:06:26 PM	103.6
388	6/24/2004	17:39:30 PM	300.7	388	6/25/2004	17:07:26 PM	101.3
389	6/24/2004	17:40:30 PM	282.4	389	6/25/2004	17:08:26 PM	96.9
390	6/24/2004	17:41:30 PM	279.9	390	6/25/2004	17:09:26 PM	105
391	6/24/2004	17:42:30 PM	273	391	6/25/2004	17:10:26 PM	96.3
392	6/24/2004	17:43:30 PM	300.6	392	6/25/2004	17:11:26 PM	85.6
393	6/24/2004	17:44:30 PM	290.8	393	6/25/2004	17:12:26 PM	90.3
394	6/24/2004	17:45:30 PM	291.3	394	6/25/2004	17:13:26 PM	97.8
395	6/24/2004	17:46:30 PM	303.8	395	6/25/2004	17:14:26 PM	94.3
396	6/24/2004	17:47:30 PM	302	396	6/25/2004	17:15:26 PM	94.2
397	6/24/2004	17:48:30 PM	305.2	397	6/25/2004	17:16:26 PM	99.1
398	6/24/2004	17:49:30 PM	307.8	398	6/25/2004	17:17:26 PM	94.3
399	6/24/2004	17:50:30 PM	287.9	399	6/25/2004	17:18:26 PM	97.7
400	6/24/2004	17:51:30 PM	306.6	400	6/25/2004	17:19:26 PM	99.6
401	6/24/2004	17:52:30 PM	294.8	401	6/25/2004	17:20:26 PM	97
402	6/24/2004	17:53:30 PM	302.8	402	6/25/2004	17:21:26 PM	96.1
403	6/24/2004	17:54:30 PM	295.6	403	6/25/2004	17:22:26 PM	99
404	6/24/2004	17:55:30 PM	293.1	404	6/25/2004	17:23:26 PM	96.6
405	6/24/2004	17:56:30 PM	310.5	405	6/25/2004	17:24:26 PM	103.3
406	6/24/2004	17:57:30 PM	272.7	406	6/25/2004	17:25:26 PM	102.1
407	6/24/2004	17:58:30 PM	235.5	407	6/25/2004	17:26:26 PM	103
408	6/24/2004	17:59:30 PM	199.8	408	6/25/2004	17:27:26 PM	104
409	6/24/2004	18:00:30 PM	210.1	409	6/25/2004	17:28:26 PM	102
410	6/24/2004	18:01:30 PM	253.5	410	6/25/2004	17:29:26 PM	106.7
411	6/24/2004	18:02:30 PM	273.4	411	6/25/2004	17:30:26 PM	102.9
412	6/24/2004	18:03:30 PM	293.4	412	6/25/2004	17:31:26 PM	102.6
413	6/24/2004	18:04:30 PM	283.9	413	6/25/2004	17:32:26 PM	102
414	6/24/2004	18:05:30 PM	275.6	414	6/25/2004	17:33:26 PM	103.9
415	6/24/2004	18:06:30 PM	299.8	415	6/25/2004	17:34:26 PM	104.3
416	6/24/2004	18:07:30 PM	296.2	416	6/25/2004	17:35:26 PM	102.9
417	6/24/2004	18:08:30 PM	281.9	417	6/25/2004	17:36:26 PM	101.9
418	6/24/2004	18:09:30 PM	305.7	418	6/25/2004	17:37:26 PM	104
419	6/24/2004	18:10:30 PM	309.4	419	6/25/2004	17:38:26 PM	90.5
420	6/24/2004	18:11:30 PM	307.3	420	6/25/2004	17:39:26 PM	79.6
421	6/24/2004	18:12:30 PM	314.9	421	6/25/2004	17:40:26 PM	83.4
422	6/24/2004	18:13:30 PM	312.5	422	6/25/2004	17:41:26 PM	95.2
423	6/24/2004	18:14:30 PM	305.5	423	6/25/2004	17:42:26 PM	92.9

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
424	6/24/2004	18:15:30 PM	301.7	424	6/25/2004	17:43:26 PM	100.4
425	6/24/2004	18:16:30 PM	306.4	425	6/25/2004	17:44:26 PM	102.6
426	6/24/2004	18:17:30 PM	316.8	426	6/25/2004	17:45:26 PM	101.8
427	6/24/2004	18:18:30 PM	314.7	427	6/25/2004	17:46:26 PM	102.8
428	6/24/2004	18:19:30 PM	309.7	428	6/25/2004	17:47:26 PM	106.7
429	6/24/2004	18:20:30 PM	306.3	429	6/25/2004	17:48:26 PM	102.8
430	6/24/2004	18:21:30 PM	311.8	430	6/25/2004	17:49:26 PM	101.1
431	6/24/2004	18:22:30 PM	306.7	431	6/25/2004	17:50:26 PM	100.1
432	6/24/2004	18:23:30 PM	300.4	432	6/25/2004	17:51:26 PM	108
433	6/24/2004	18:24:30 PM	309.1	433	6/25/2004	17:52:26 PM	106.7
434	6/24/2004	18:25:30 PM	317.3	434	6/25/2004	17:53:26 PM	107.6
435	6/24/2004	18:26:30 PM	297	435	6/25/2004	17:54:26 PM	103.2
436	6/24/2004	18:27:30 PM	289.3	436	6/25/2004	17:55:26 PM	104
437	6/24/2004	18:28:30 PM	297.1	437	6/25/2004	17:56:26 PM	104.5
438	6/24/2004	18:29:30 PM	292.4	438	6/25/2004	17:57:26 PM	104.5
439	6/24/2004	18:30:30 PM	271.3	439	6/25/2004	17:58:26 PM	106
440	6/24/2004	18:31:30 PM	288.2	440	6/25/2004	17:59:26 PM	99.4
441	6/24/2004	18:32:30 PM	288	441	6/25/2004	18:00:26 PM	96.9
442	6/24/2004	18:33:30 PM	288.9	442	6/25/2004	18:01:26 PM	100.6
443	6/24/2004	18:34:30 PM	281.3	443	6/25/2004	18:02:26 PM	101.3
444	6/24/2004	18:35:30 PM	301.5	444	6/25/2004	18:03:26 PM	102.9
445	6/24/2004	18:36:30 PM	298.3	445	6/25/2004	18:04:26 PM	98.6
446	6/24/2004	18:37:30 PM	294.1	446	6/25/2004	18:05:26 PM	106.8
447	6/24/2004	18:38:30 PM	297.8	447	6/25/2004	18:06:26 PM	102.7
448	6/24/2004	18:39:30 PM	302.6	448	6/25/2004	18:07:26 PM	104.4
449	6/24/2004	18:40:30 PM	297.8	449	6/25/2004	18:08:26 PM	105.9
450	6/24/2004	18:41:30 PM	300.8	450	6/25/2004	18:09:26 PM	105.1
451	6/24/2004	18:42:30 PM	306	451	6/25/2004	18:10:26 PM	102.5
452	6/24/2004	18:43:30 PM	316.6	452	6/25/2004	18:11:26 PM	107.5
453	6/24/2004	18:44:30 PM	313.8	453	6/25/2004	18:12:26 PM	104.8
454	6/24/2004	18:45:30 PM	308	454	6/25/2004	18:13:26 PM	98.9
455	6/24/2004	18:46:30 PM	309.3	455	6/25/2004	18:14:26 PM	99.9
456	6/24/2004	18:47:30 PM	308.8	456	6/25/2004	18:15:26 PM	99.9
457	6/24/2004	18:48:30 PM	321	457	6/25/2004	18:16:26 PM	101.4
458	6/24/2004	18:49:30 PM	301.4	458	6/25/2004	18:17:26 PM	104.5
459	6/24/2004	18:50:30 PM	258.4	459	6/25/2004	18:18:26 PM	101.9
460	6/24/2004	18:51:30 PM	222.9	460	6/25/2004	18:19:26 PM	103.8
461	6/24/2004	18:52:30 PM	213.9	461	6/25/2004	18:20:26 PM	104.9
462	6/24/2004	18:53:30 PM	239.2	462	6/25/2004	18:21:26 PM	104.7
463	6/24/2004	18:54:30 PM	261.5	463	6/25/2004	18:22:26 PM	101.3
464	6/24/2004	18:55:30 PM	261.5	464	6/25/2004	18:23:26 PM	104.6
465	6/24/2004	18:56:30 PM	283.5	465	6/25/2004	18:24:26 PM	104
466	6/24/2004	18:57:30 PM	298.5	466	6/25/2004	18:25:26 PM	100.8
467	6/24/2004	18:58:30 PM	274.9	467	6/25/2004	18:26:26 PM	106.4
468	6/24/2004	18:59:30 PM	284	468	6/25/2004	18:27:26 PM	102.7
469	6/24/2004	19:00:30 PM	244.9	469	6/25/2004	18:28:26 PM	88
470	6/24/2004	19:01:30 PM	211.2	470	6/25/2004	18:29:26 PM	77.4

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
471	6/24/2004	19:02:30 PM	181.8	471	6/25/2004	18:30:26 PM	70.6
472	6/24/2004	19:03:30 PM	164.5	472	6/25/2004	18:31:26 PM	81.4
473	6/24/2004	19:04:30 PM	146.3	473	6/25/2004	18:32:26 PM	85.2
474	6/24/2004	19:05:30 PM	133.5	474	6/25/2004	18:33:26 PM	89.9
475	6/24/2004	19:06:30 PM	159.8	475	6/25/2004	18:34:26 PM	85.1
476	6/24/2004	19:07:30 PM	206.1	476	6/25/2004	18:35:26 PM	90.9
477	6/24/2004	19:08:30 PM	236.7	477	6/25/2004	18:36:26 PM	90.5
478	6/24/2004	19:09:30 PM	272	478	6/25/2004	18:37:26 PM	88.2
479	6/24/2004	19:10:30 PM	284.8	479	6/25/2004	18:38:26 PM	92.5
480	6/24/2004	19:11:30 PM	306.9	480	6/25/2004	18:39:26 PM	89.6
481	6/24/2004	19:12:30 PM	310.1	481	6/25/2004	18:40:26 PM	96.4
482	6/24/2004	19:13:30 PM	308.4	482	6/25/2004	18:41:26 PM	94.6
483	6/24/2004	19:14:30 PM	306.4	483	6/25/2004	18:42:26 PM	97.6
484	6/24/2004	19:15:30 PM	311.2	484	6/25/2004	18:43:26 PM	103
485	6/24/2004	19:16:30 PM	306.7	485	6/25/2004	18:44:26 PM	83
486	6/24/2004	19:17:30 PM	318.7	486	6/25/2004	18:45:26 PM	86.8
487	6/24/2004	19:18:30 PM	308	487	6/25/2004	18:46:26 PM	93.5
488	6/24/2004	19:19:30 PM	311.3	488	6/25/2004	18:47:26 PM	93.2
489	6/24/2004	19:20:30 PM	317.3	489	6/25/2004	18:48:26 PM	93.1
490	6/24/2004	19:21:30 PM	315.9	490	6/25/2004	18:49:26 PM	81.9
491	6/24/2004	19:22:30 PM	297.2	491	6/25/2004	18:50:26 PM	72.9
492	6/24/2004	19:23:30 PM	311.7	492	6/25/2004	18:51:26 PM	66.2
493	6/24/2004	19:24:30 PM	318.5	493	6/25/2004	18:52:26 PM	61.4
494	6/24/2004	19:25:30 PM	322.4	494	6/25/2004	18:53:26 PM	60
495	6/24/2004	19:26:30 PM	320.1	495	6/25/2004	18:54:26 PM	63.8
496	6/24/2004	19:27:30 PM	321.5	496	6/25/2004	18:55:26 PM	79.1
497	6/24/2004	19:28:30 PM	318.1	497	6/25/2004	18:56:26 PM	84.2
498	6/24/2004	19:29:30 PM	323.1	498	6/25/2004	18:57:26 PM	87.5
499	6/24/2004	19:30:30 PM	324.1	499	6/25/2004	18:58:26 PM	93.9
500	6/24/2004	19:31:30 PM	320.3	500	6/25/2004	18:59:26 PM	95.8
501	6/24/2004	19:32:30 PM	332.4	501	6/25/2004	19:00:26 PM	99.2
502	6/24/2004	19:33:30 PM	326.9	502	6/25/2004	19:01:26 PM	100.1
503	6/24/2004	19:34:30 PM	316.1	503	6/25/2004	19:02:26 PM	83.7
504	6/24/2004	19:35:30 PM	312.9	504	6/25/2004	19:03:26 PM	81.6
505	6/24/2004	19:36:30 PM	318.2	505	6/25/2004	19:04:26 PM	88.5
506	6/24/2004	19:37:30 PM	324.4	506	6/25/2004	19:05:26 PM	96.1
507	6/24/2004	19:38:30 PM	318.6	507	6/25/2004	19:06:26 PM	95.2
508	6/24/2004	19:39:30 PM	332.6	508	6/25/2004	19:07:26 PM	84.6
509	6/24/2004	19:40:30 PM	331.7	509	6/25/2004	19:08:26 PM	74.2
510	6/24/2004	19:41:30 PM	338.1	510	6/25/2004	19:09:26 PM	66.5
511	6/24/2004	19:42:30 PM	320.4	511	6/25/2004	19:10:26 PM	61.2
512	6/24/2004	19:43:30 PM	333.1	512	6/25/2004	19:11:26 PM	57.3
513	6/24/2004	19:44:30 PM	313.3	513	6/25/2004	19:12:26 PM	54.8
514	6/24/2004	19:45:30 PM	318.7	514	6/25/2004	19:13:26 PM	53
515	6/24/2004	19:46:30 PM	306	515	6/25/2004	19:14:26 PM	51.2
516	6/24/2004	19:47:30 PM	294.7	516	6/25/2004	19:15:26 PM	50.1
517	6/24/2004	19:48:30 PM	310.5	517	6/25/2004	19:16:26 PM	49.3

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
518	6/24/2004	19:49:30 PM	319.8	518	6/25/2004	19:17:26 PM	47.9
519	6/24/2004	19:50:30 PM	304	519	6/25/2004	19:18:26 PM	52.7
520	6/24/2004	19:51:30 PM	305.8	520	6/25/2004	19:19:26 PM	71.2
521	6/24/2004	19:52:30 PM	286.6	521	6/25/2004	19:20:26 PM	83.2
522	6/24/2004	19:53:30 PM	316.3	522	6/25/2004	19:21:26 PM	79.8
523	6/24/2004	19:54:30 PM	322	523	6/25/2004	19:22:26 PM	88.2
524	6/24/2004	19:55:30 PM	324.3	524	6/25/2004	19:23:26 PM	91
525	6/24/2004	19:56:30 PM	317.2	525	6/25/2004	19:24:26 PM	94.4
526	6/24/2004	19:57:30 PM	319.5	526	6/25/2004	19:25:26 PM	87.1
527	6/24/2004	19:58:30 PM	318.7	527	6/25/2004	19:26:26 PM	87.7
528	6/24/2004	19:59:30 PM	317.3	528	6/25/2004	19:27:26 PM	91.3
529	6/24/2004	20:00:30 PM	317.8	529	6/25/2004	19:28:26 PM	94.4
530	6/24/2004	20:01:30 PM	282.7	530	6/25/2004	19:29:26 PM	95.7
531	6/24/2004	20:02:30 PM	297.2	531	6/25/2004	19:30:26 PM	97.7
532	6/24/2004	20:03:30 PM	313.4	532	6/25/2004	19:31:26 PM	96.2
533	6/24/2004	20:04:30 PM	303.4	533	6/25/2004	19:32:26 PM	102.2
534	6/24/2004	20:05:30 PM	312.8	534	6/25/2004	19:33:26 PM	100.6
535	6/24/2004	20:06:30 PM	314.2	535	6/25/2004	19:34:26 PM	92.9
536	6/24/2004	20:07:30 PM	306.4	536	6/25/2004	19:35:26 PM	90.1
537	6/24/2004	20:08:30 PM	273.3	537	6/25/2004	19:36:26 PM	95.4
538	6/24/2004	20:09:30 PM	290	538	6/25/2004	19:37:26 PM	92.9
539	6/24/2004	20:10:30 PM	293.6	539	6/25/2004	19:38:26 PM	94.9
540	6/24/2004	20:11:30 PM	297.9	540	6/25/2004	19:39:26 PM	97
541	6/24/2004	20:12:30 PM	309.2	541	6/25/2004	19:40:26 PM	95.6
542	6/24/2004	20:13:30 PM	303.3	542	6/25/2004	19:41:26 PM	97.6
543	6/24/2004	20:14:30 PM	301.5	543	6/25/2004	19:42:26 PM	99.7
544	6/24/2004	20:15:30 PM	301.9	544	6/25/2004	19:43:26 PM	93.2
545	6/24/2004	20:16:30 PM	283.9	545	6/25/2004	19:44:26 PM	96.8
546	6/24/2004	20:17:30 PM	299.9	546	6/25/2004	19:45:26 PM	97.4
547	6/24/2004	20:18:30 PM	286.6	547	6/25/2004	19:46:26 PM	102.1
548	6/24/2004	20:19:30 PM	276.2	548	6/25/2004	19:47:26 PM	91.9
549	6/24/2004	20:20:30 PM	288.6	549	6/25/2004	19:48:26 PM	80.5
550	6/24/2004	20:21:30 PM	283.7	550	6/25/2004	19:49:26 PM	71.8
551	6/24/2004	20:22:30 PM	300.4	551	6/25/2004	19:50:26 PM	65.5
552	6/24/2004	20:23:30 PM	294.8	552	6/25/2004	19:51:26 PM	62
553	6/24/2004	20:24:30 PM	315.2	553	6/25/2004	19:52:26 PM	76.3
554	6/24/2004	20:25:30 PM	320.5	554	6/25/2004	19:53:26 PM	87.9
555	6/24/2004	20:26:30 PM	316.7	555	6/25/2004	19:54:26 PM	89.5
556	6/24/2004	20:27:30 PM	316.2	556	6/25/2004	19:55:26 PM	95
557	6/24/2004	20:28:30 PM	314.9	557	6/25/2004	19:56:26 PM	96.2
558	6/24/2004	20:29:30 PM	314.5	558	6/25/2004	19:57:26 PM	98.8
559	6/24/2004	20:30:30 PM	306.9	559	6/25/2004	19:58:26 PM	96.1
560	6/24/2004	20:31:30 PM	304.8	560	6/25/2004	19:59:26 PM	104
561	6/24/2004	20:32:30 PM	312.4	561	6/25/2004	20:00:26 PM	102.6
562	6/24/2004	20:33:30 PM	317.6	562	6/25/2004	20:01:26 PM	97.8
563	6/24/2004	20:34:30 PM	304	563	6/25/2004	20:02:26 PM	97.4
564	6/24/2004	20:35:30 PM	304.7	564	6/25/2004	20:03:26 PM	100

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
565	6/24/2004	20:36:30 PM	322.8	565	6/25/2004	20:04:26 PM	94.5
566	6/24/2004	20:37:30 PM	323.2	566	6/25/2004	20:05:26 PM	97.1
567	6/24/2004	20:38:30 PM	321.4	567	6/25/2004	20:06:26 PM	99.4
568	6/24/2004	20:39:30 PM	329.7	568	6/25/2004	20:07:26 PM	104.9
569	6/24/2004	20:40:30 PM	317.4	569	6/25/2004	20:08:26 PM	92.9
570	6/24/2004	20:41:30 PM	316.3	570	6/25/2004	20:09:26 PM	80.8
571	6/24/2004	20:42:30 PM	325.2	571	6/25/2004	20:10:26 PM	72.1
572	6/24/2004	20:43:30 PM	324.6	572	6/25/2004	20:11:26 PM	65.5
573	6/24/2004	20:44:30 PM	317.8	573	6/25/2004	20:12:26 PM	64.8
574	6/24/2004	20:45:30 PM	320	574	6/25/2004	20:13:26 PM	72.4
575	6/24/2004	20:46:30 PM	310.4	575	6/25/2004	20:14:26 PM	84.4
576	6/24/2004	20:47:30 PM	316	576	6/25/2004	20:15:26 PM	90.4
577	6/24/2004	20:48:30 PM	301	577	6/25/2004	20:16:26 PM	92.4
578	6/24/2004	20:49:30 PM	289.9	578	6/25/2004	20:17:26 PM	89.1
579	6/24/2004	20:50:30 PM	286.9	579	6/25/2004	20:18:26 PM	83.3
580	6/24/2004	20:51:30 PM	270.9	580	6/25/2004	20:19:26 PM	77.9
581	6/24/2004	20:52:30 PM	274.8	581	6/25/2004	20:20:26 PM	70.3
582	6/24/2004	20:53:30 PM	252.3	582	6/25/2004	20:21:26 PM	67.2
583	6/24/2004	20:54:30 PM	248.6	583	6/25/2004	20:22:26 PM	69.7
584	6/24/2004	20:55:30 PM	261.5	584	6/25/2004	20:23:26 PM	82.8
585	6/24/2004	20:56:30 PM	257.5	585	6/25/2004	20:24:26 PM	90.6
586	6/24/2004	20:57:30 PM	250.5	586	6/25/2004	20:25:26 PM	89.2
587	6/24/2004	20:58:30 PM	280.5	587	6/25/2004	20:26:26 PM	94.1
588	6/24/2004	20:59:30 PM	260.7	588	6/25/2004	20:27:26 PM	97.6
589	6/24/2004	21:00:30 PM	237.7	589	6/25/2004	20:28:26 PM	91.9
590	6/24/2004	21:01:30 PM	205	590	6/25/2004	20:29:26 PM	96.6
591	6/24/2004	21:02:30 PM	199.5	591	6/25/2004	20:30:26 PM	96.1
592	6/24/2004	21:03:30 PM	197.5	592	6/25/2004	20:31:26 PM	95.2
593	6/24/2004	21:04:30 PM	206.7	593	6/25/2004	20:32:26 PM	100.7
594	6/24/2004	21:05:30 PM	216.8	594	6/25/2004	20:33:26 PM	100.1
595	6/24/2004	21:06:30 PM	249.3	595	6/25/2004	20:34:26 PM	94.4
596	6/24/2004	21:07:30 PM	236.8	596	6/25/2004	20:35:26 PM	95.7
597	6/24/2004	21:08:30 PM	263.7	597	6/25/2004	20:36:26 PM	94.3
598	6/24/2004	21:09:30 PM	277.3	598	6/25/2004	20:37:26 PM	99.5
599	6/24/2004	21:10:30 PM	295.3	599	6/25/2004	20:38:26 PM	95.1
600	6/24/2004	21:11:30 PM	296.7	600	6/25/2004	20:39:26 PM	95.1
601	6/24/2004	21:12:30 PM	305.9	601	6/25/2004	20:40:26 PM	96.9
602	6/24/2004	21:13:30 PM	313.1	602	6/25/2004	20:41:26 PM	96.2
603	6/24/2004	21:14:30 PM	299.1	603	6/25/2004	20:42:26 PM	98.9
604	6/24/2004	21:15:30 PM	300.2	604	6/25/2004	20:43:26 PM	97
605	6/24/2004	21:16:30 PM	262.5	605	6/25/2004	20:44:26 PM	102.6
606	6/24/2004	21:17:30 PM	280.3	606	6/25/2004	20:45:26 PM	101.5
607	6/24/2004	21:18:30 PM	291.6	607	6/25/2004	20:46:26 PM	97.7
608	6/24/2004	21:19:30 PM	300.4	608	6/25/2004	20:47:26 PM	95.4
609	6/24/2004	21:20:30 PM	289.4	609	6/25/2004	20:48:26 PM	101.8
610	6/24/2004	21:21:30 PM	274.5	610	6/25/2004	20:49:26 PM	104.4
611	6/24/2004	21:22:30 PM	297.5	611	6/25/2004	20:50:26 PM	99.9

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
612	6/24/2004	21:23:30 PM	298	612	6/25/2004	20:51:26 PM	102.3
613	6/24/2004	21:24:30 PM	265.9	613	6/25/2004	20:52:26 PM	96.2
614	6/24/2004	21:25:30 PM	289.7	614	6/25/2004	20:53:26 PM	92.6
615	6/24/2004	21:26:30 PM	280.2	615	6/25/2004	20:54:26 PM	100.2
616	6/24/2004	21:27:30 PM	291.3	616	6/25/2004	20:55:26 PM	98.6
617	6/24/2004	21:28:30 PM	270.1	617	6/25/2004	20:56:26 PM	101.5
618	6/24/2004	21:29:30 PM	279.5	618	6/25/2004	20:57:26 PM	97.3
619	6/24/2004	21:30:30 PM	281.7	619	6/25/2004	20:58:26 PM	98.4
620	6/24/2004	21:31:30 PM	286.1	620	6/25/2004	20:59:26 PM	98.9
621	6/24/2004	21:32:30 PM	276	621	6/25/2004	21:00:26 PM	95.2
622	6/24/2004	21:33:30 PM	271.5	622	6/25/2004	21:01:26 PM	101.1
623	6/24/2004	21:34:30 PM	263	623	6/25/2004	21:02:26 PM	98.6
624	6/24/2004	21:35:30 PM	277.8	624	6/25/2004	21:03:26 PM	98.8
625	6/24/2004	21:36:30 PM	278.9	625	6/25/2004	21:04:26 PM	104.5
626	6/24/2004	21:37:30 PM	276.6	626	6/25/2004	21:05:26 PM	93.9
627	6/24/2004	21:38:30 PM	291.5	627	6/25/2004	21:06:26 PM	102.6
628	6/24/2004	21:39:30 PM	280.1	628	6/25/2004	21:07:26 PM	101
629	6/24/2004	21:40:30 PM	274.3	629	6/25/2004	21:08:26 PM	101.3
630	6/24/2004	21:41:30 PM	285.9	630	6/25/2004	21:09:26 PM	98.8
631	6/24/2004	21:42:30 PM	282.3	631	6/25/2004	21:10:26 PM	98.5
632	6/24/2004	21:43:30 PM	262.7	632	6/25/2004	21:11:26 PM	98.6
633	6/24/2004	21:44:30 PM	275.2	633	6/25/2004	21:12:26 PM	101
634	6/24/2004	21:45:30 PM	287.3	634	6/25/2004	21:13:26 PM	98.6
635	6/24/2004	21:46:30 PM	282.2	635	6/25/2004	21:14:26 PM	100.4
636	6/24/2004	21:47:30 PM	285.1	636	6/25/2004	21:15:26 PM	99.2
637	6/24/2004	21:48:30 PM	286.9	637	6/25/2004	21:16:26 PM	97
638	6/24/2004	21:49:30 PM	301.4	638	6/25/2004	21:17:26 PM	88.7
639	6/24/2004	21:50:30 PM	258.6	639	6/25/2004	21:18:26 PM	94
640	6/24/2004	21:51:30 PM	269.8	640	6/25/2004	21:19:26 PM	98.7
641	6/24/2004	21:52:30 PM	275.2	641	6/25/2004	21:20:26 PM	89.3
642	6/24/2004	21:53:30 PM	282.2	642	6/25/2004	21:21:26 PM	99.1
643	6/24/2004	21:54:30 PM	281.9	643	6/25/2004	21:22:26 PM	98.3
644	6/24/2004	21:55:30 PM	287.4	644	6/25/2004	21:23:26 PM	96.4
645	6/24/2004	21:56:30 PM	278.6	645	6/25/2004	21:24:26 PM	97
646	6/24/2004	21:57:30 PM	284	646	6/25/2004	21:25:26 PM	100.8
647	6/24/2004	21:58:30 PM	290.1	647	6/25/2004	21:26:26 PM	99.7
648	6/24/2004	21:59:30 PM	301.3	648	6/25/2004	21:27:26 PM	101.5
649	6/24/2004	22:00:30 PM	287.5	649	6/25/2004	21:28:26 PM	104.9
650	6/24/2004	22:01:30 PM	293.6	650	6/25/2004	21:29:26 PM	104.5
651	6/24/2004	22:02:30 PM	291.5	651	6/25/2004	21:30:26 PM	103.6
652	6/24/2004	22:03:30 PM	306.8	652	6/25/2004	21:31:26 PM	100.3
653	6/24/2004	22:04:30 PM	278.1	653	6/25/2004	21:32:26 PM	100.9
654	6/24/2004	22:05:30 PM	267.1	654	6/25/2004	21:33:26 PM	103.7
655	6/24/2004	22:06:30 PM	287.2	655	6/25/2004	21:34:26 PM	103.4
656	6/24/2004	22:07:30 PM	265.9	656	6/25/2004	21:35:26 PM	102
657	6/24/2004	22:08:30 PM	286.1	657	6/25/2004	21:36:26 PM	102.8
658	6/24/2004	22:09:30 PM	288.7	658	6/25/2004	21:37:26 PM	104.5

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
659	6/24/2004	22:10:30 PM	279.9	659	6/25/2004	21:38:26 PM	102.2
660	6/24/2004	22:11:30 PM	297.2	660	6/25/2004	21:39:26 PM	102.7
661	6/24/2004	22:12:30 PM	266.7	661	6/25/2004	21:40:26 PM	103.5
662	6/24/2004	22:13:30 PM	227.2	662	6/25/2004	21:41:26 PM	98.2
663	6/24/2004	22:14:30 PM	195.4	663	6/25/2004	21:42:26 PM	97.9
664	6/24/2004	22:15:30 PM	171.3	664	6/25/2004	21:43:26 PM	98.9
665	6/24/2004	22:16:30 PM	204.8	665	6/25/2004	21:44:26 PM	97.4
666	6/24/2004	22:17:30 PM	241.3	666	6/25/2004	21:45:26 PM	102.4
667	6/24/2004	22:18:30 PM	245.7	667	6/25/2004	21:46:26 PM	103.2
668	6/24/2004	22:19:30 PM	268.9	668	6/25/2004	21:47:26 PM	100.9
669	6/24/2004	22:20:30 PM	251	669	6/25/2004	21:48:26 PM	99.9
670	6/24/2004	22:21:30 PM	244	670	6/25/2004	21:49:26 PM	93.5
671	6/24/2004	22:22:30 PM	245.5	671	6/25/2004	21:50:26 PM	94
672	6/24/2004	22:23:30 PM	263.1	672	6/25/2004	21:51:26 PM	93.5
673	6/24/2004	22:24:30 PM	257.4	673	6/25/2004	21:52:26 PM	96
674	6/24/2004	22:25:30 PM	271.6	674	6/25/2004	21:53:26 PM	94.7
675	6/24/2004	22:26:30 PM	273.6	675	6/25/2004	21:54:26 PM	98.5
676	6/24/2004	22:27:30 PM	275.4	676	6/25/2004	21:55:26 PM	102.8
677	6/24/2004	22:28:30 PM	264.6	677	6/25/2004	21:56:26 PM	89.6
678	6/24/2004	22:29:30 PM	265.8	678	6/25/2004	21:57:26 PM	88.6
679	6/24/2004	22:30:30 PM	295.8	679	6/25/2004	21:58:26 PM	94.4
680	6/24/2004	22:31:30 PM	247.5	680	6/25/2004	21:59:26 PM	95.4
681	6/24/2004	22:32:30 PM	251.9	681	6/25/2004	22:00:26 PM	96.5
682	6/24/2004	22:33:30 PM	251.9	682	6/25/2004	22:01:26 PM	96.2
683	6/24/2004	22:34:30 PM	255.9	683	6/25/2004	22:02:26 PM	100.2
684	6/24/2004	22:35:30 PM	220	684	6/25/2004	22:03:26 PM	98.5
685	6/24/2004	22:36:30 PM	187.2	685	6/25/2004	22:04:26 PM	100
686	6/24/2004	22:37:30 PM	213.1	686	6/25/2004	22:05:26 PM	102.5
687	6/24/2004	22:38:30 PM	249.2	687	6/25/2004	22:06:26 PM	101.4
688	6/24/2004	22:39:30 PM	248.1	688	6/25/2004	22:07:26 PM	100.4
689	6/24/2004	22:40:30 PM	263.5	689	6/25/2004	22:08:26 PM	92.5
690	6/24/2004	22:41:30 PM	274.6	690	6/25/2004	22:09:26 PM	85.4
691	6/24/2004	22:42:30 PM	247.4	691	6/25/2004	22:10:26 PM	84.1
692	6/24/2004	22:43:30 PM	250.6	692	6/25/2004	22:11:26 PM	93.1
693	6/24/2004	22:44:30 PM	282.2	693	6/25/2004	22:12:26 PM	96.7
694	6/24/2004	22:45:30 PM	280.6	694	6/25/2004	22:13:26 PM	85.9
695	6/24/2004	22:46:30 PM	285.6	695	6/25/2004	22:14:26 PM	80.3
696	6/24/2004	22:47:30 PM	294.6	696	6/25/2004	22:15:26 PM	89.3
697	6/24/2004	22:48:30 PM	298.7	697	6/25/2004	22:16:26 PM	92.9
698	6/24/2004	22:49:30 PM	289.8	698	6/25/2004	22:17:26 PM	93.9
699	6/24/2004	22:50:30 PM	303.9	699	6/25/2004	22:18:26 PM	89.2
700	6/24/2004	22:51:30 PM	319.3	700	6/25/2004	22:19:26 PM	96
701	6/24/2004	22:52:30 PM	301.9	701	6/25/2004	22:20:26 PM	98.7
702	6/24/2004	22:53:30 PM	239.9	702	6/25/2004	22:21:26 PM	102.7
703	6/24/2004	22:54:30 PM	246.7	703	6/25/2004	22:22:26 PM	94
704	6/24/2004	22:55:30 PM	276.5	704	6/25/2004	22:23:26 PM	96.6
705	6/24/2004	22:56:30 PM	286.6	705	6/25/2004	22:24:26 PM	99.9

**UNCOATED
MANIFOLDS**

**COATED
MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
706	6/24/2004	22:57:30 PM	293.8	706	6/25/2004	22:25:26 PM	101.4
707	6/24/2004	22:58:30 PM	284.1	707	6/25/2004	22:26:26 PM	101.3
708	6/24/2004	22:59:30 PM	293	708	6/25/2004	22:27:26 PM	102.7
709	6/24/2004	23:00:30 PM	279.3	709	6/25/2004	22:28:26 PM	97.4
710	6/24/2004	23:01:30 PM	288.9	710	6/25/2004	22:29:26 PM	98
711	6/24/2004	23:02:30 PM	256.1	711	6/25/2004	22:30:26 PM	98.4
712	6/24/2004	23:03:30 PM	215.9	712	6/25/2004	22:31:26 PM	101
713	6/24/2004	23:04:30 PM	190	713	6/25/2004	22:32:26 PM	96.1
714	6/24/2004	23:05:30 PM	166.1	714	6/25/2004	22:33:26 PM	98.1
715	6/24/2004	23:06:30 PM	147.6	715	6/25/2004	22:34:26 PM	95.7
716	6/24/2004	23:07:30 PM	135.4	716	6/25/2004	22:35:26 PM	98.3
717	6/24/2004	23:08:30 PM	124	717	6/25/2004	22:36:26 PM	101.8
718	6/24/2004	23:09:30 PM	162	718	6/25/2004	22:37:26 PM	100.3
719	6/24/2004	23:10:30 PM	209.4	719	6/25/2004	22:38:26 PM	105.1
720	6/24/2004	23:11:30 PM	229.8	720	6/25/2004	22:39:26 PM	97.7
721	6/24/2004	23:12:30 PM	255.1	721	6/25/2004	22:40:26 PM	94.7
722	6/24/2004	23:13:30 PM	259.5	722	6/25/2004	22:41:26 PM	95.4
723	6/24/2004	23:14:30 PM	274.5	723	6/25/2004	22:42:26 PM	92.1
724	6/24/2004	23:15:30 PM	260.3	724	6/25/2004	22:43:26 PM	91
725	6/24/2004	23:16:30 PM	278.2	725	6/25/2004	22:44:26 PM	95.9
726	6/24/2004	23:17:30 PM	262	726	6/25/2004	22:45:26 PM	99.7
727	6/24/2004	23:18:30 PM	279.3	727	6/25/2004	22:46:26 PM	92.4
728	6/24/2004	23:19:30 PM	280	728	6/25/2004	22:47:26 PM	98.2
729	6/24/2004	23:20:30 PM	277.9	729	6/25/2004	22:48:26 PM	96.2
730	6/24/2004	23:21:30 PM	273.9	730	6/25/2004	22:49:26 PM	101.1
731	6/24/2004	23:22:30 PM	282.3	731	6/25/2004	22:50:26 PM	98.3
732	6/24/2004	23:23:30 PM	277.5	732	6/25/2004	22:51:26 PM	97.4
733	6/24/2004	23:24:30 PM	283.6	733	6/25/2004	22:52:26 PM	105.3
734	6/24/2004	23:25:30 PM	279.7	734	6/25/2004	22:53:26 PM	102
735	6/24/2004	23:26:30 PM	299.6	735	6/25/2004	22:54:26 PM	99.7
736	6/24/2004	23:27:30 PM	277	736	6/25/2004	22:55:26 PM	101.9
737	6/24/2004	23:28:30 PM	287.4	737	6/25/2004	22:56:26 PM	100.5
738	6/24/2004	23:29:30 PM	285.4	738	6/25/2004	22:57:26 PM	100.2
739	6/24/2004	23:30:30 PM	279.7	739	6/25/2004	22:58:26 PM	102.5
740	6/24/2004	23:31:30 PM	269.4	740	6/25/2004	22:59:26 PM	98.4
741	6/24/2004	23:32:30 PM	281.4	741	6/25/2004	23:00:26 PM	85.8
742	6/24/2004	23:33:30 PM	289.6	742	6/25/2004	23:01:26 PM	76.1
743	6/24/2004	23:34:30 PM	261.9	743	6/25/2004	23:02:26 PM	68.5
744	6/24/2004	23:35:30 PM	282.5	744	6/25/2004	23:03:26 PM	70.9
745	6/24/2004	23:36:30 PM	288.1	745	6/25/2004	23:04:26 PM	78.2
746	6/24/2004	23:37:30 PM	287.8	746	6/25/2004	23:05:26 PM	84.7
747	6/24/2004	23:38:30 PM	277.4	747	6/25/2004	23:06:26 PM	88.9
748	6/24/2004	23:39:30 PM	288.7	748	6/25/2004	23:07:26 PM	92.5
749	6/24/2004	23:40:30 PM	301.4	749	6/25/2004	23:08:26 PM	92.8
750	6/24/2004	23:41:30 PM	305.6	750	6/25/2004	23:09:26 PM	97.9
751	6/24/2004	23:42:30 PM	294.2	751	6/25/2004	23:10:26 PM	96.6
752	6/24/2004	23:43:30 PM	296.2	752	6/25/2004	23:11:26 PM	91.3

**UNCOATED
MANIFOLDS**

**COATED
MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
753	6/24/2004	23:44:30 PM	287.4	753	6/25/2004	23:12:26 PM	99.2
754	6/24/2004	23:45:30 PM	312	754	6/25/2004	23:13:26 PM	101.2
755	6/24/2004	23:46:30 PM	293.8	755	6/25/2004	23:14:26 PM	97.8
756	6/24/2004	23:47:30 PM	281.5	756	6/25/2004	23:15:26 PM	100.6
757	6/24/2004	23:48:30 PM	282	757	6/25/2004	23:16:26 PM	100.8
758	6/24/2004	23:49:30 PM	285.6	758	6/25/2004	23:17:26 PM	101.1
759	6/24/2004	23:50:30 PM	278.2	759	6/25/2004	23:18:26 PM	102.2
760	6/24/2004	23:51:30 PM	310.7	760	6/25/2004	23:19:26 PM	102.4
761	6/24/2004	23:52:30 PM	298.6	761	6/25/2004	23:20:26 PM	103.1
762	6/24/2004	23:53:30 PM	282	762	6/25/2004	23:21:26 PM	103.6
763	6/24/2004	23:54:30 PM	296.9	763	6/25/2004	23:22:26 PM	103.8
764	6/24/2004	23:55:30 PM	262.6	764	6/25/2004	23:23:26 PM	93.7
765	6/24/2004	23:56:30 PM	240.1	765	6/25/2004	23:24:26 PM	99
766	6/24/2004	23:57:30 PM	241.2	766	6/25/2004	23:25:26 PM	98.1
767	6/24/2004	23:58:30 PM	267	767	6/25/2004	23:26:26 PM	98.5
768	6/24/2004	23:59:30 PM	253.7	768	6/25/2004	23:27:26 PM	98.2
769	6/25/2004	12:00:30 AM	258.5	769	6/25/2004	23:28:26 PM	100.1
770	6/25/2004	12:01:30 AM	279.4	770	6/25/2004	23:29:26 PM	102.3
771	6/25/2004	12:02:30 AM	275.2	771	6/25/2004	23:30:26 PM	92.6
772	6/25/2004	12:03:30 AM	279.5	772	6/25/2004	23:31:26 PM	94.7
773	6/25/2004	12:04:30 AM	284	773	6/25/2004	23:32:26 PM	92
774	6/25/2004	12:05:30 AM	281	774	6/25/2004	23:33:26 PM	92.3
775	6/25/2004	12:06:30 AM	280.4	775	6/25/2004	23:34:26 PM	95.3
776	6/25/2004	12:07:30 AM	283	776	6/25/2004	23:35:26 PM	97.1
777	6/25/2004	12:08:30 AM	289.6	777	6/25/2004	23:36:26 PM	80.3
778	6/25/2004	12:09:30 AM	286.2	778	6/25/2004	23:37:26 PM	77.1
779	6/25/2004	12:10:30 AM	303.2	779	6/25/2004	23:38:26 PM	77.2
780	6/25/2004	12:11:30 AM	304	780	6/25/2004	23:39:26 PM	88.4
781	6/25/2004	12:12:30 AM	292.1	781	6/25/2004	23:40:26 PM	91.7
782	6/25/2004	12:13:30 AM	290	782	6/25/2004	23:41:26 PM	93.5
783	6/25/2004	12:14:30 AM	291.6	783	6/25/2004	23:42:26 PM	97.5
784	6/25/2004	12:15:30 AM	299.5	784	6/25/2004	23:43:26 PM	92.7
785	6/25/2004	12:16:30 AM	298	785	6/25/2004	23:44:26 PM	95.9
786	6/25/2004	12:17:30 AM	289.5	786	6/25/2004	23:45:26 PM	99.7
787	6/25/2004	12:18:30 AM	272.5	787	6/25/2004	23:46:26 PM	85.7
788	6/25/2004	12:19:30 AM	289.1	788	6/25/2004	23:47:26 PM	81.6
789	6/25/2004	12:20:30 AM	286.2	789	6/25/2004	23:48:26 PM	87.6
790	6/25/2004	12:21:30 AM	293.2	790	6/25/2004	23:49:26 PM	91.4
791	6/25/2004	12:22:30 AM	303.9	791	6/25/2004	23:50:26 PM	92.8
792	6/25/2004	12:23:30 AM	277.7	792	6/25/2004	23:51:26 PM	96.2
793	6/25/2004	12:24:30 AM	308.1	793	6/25/2004	23:52:26 PM	98.8
794	6/25/2004	12:25:30 AM	313.4	794	6/25/2004	23:53:26 PM	101.3
795	6/25/2004	12:26:30 AM	307.7	795	6/25/2004	23:54:26 PM	91.5
796	6/25/2004	12:27:30 AM	287.5	796	6/25/2004	23:55:26 PM	77.8
797	6/25/2004	12:28:30 AM	261	797	6/25/2004	23:56:26 PM	72.2
798	6/25/2004	12:29:30 AM	263.2	798	6/25/2004	23:57:26 PM	68.6
799	6/25/2004	12:30:30 AM	270.4	799	6/25/2004	23:58:26 PM	70.2

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
800	6/25/2004	12:31:30 AM	258.3	800	6/25/2004	23:59:26 PM	67.1
801	6/25/2004	12:32:30 AM	270.5	801	6/26/2004	12:00:26 AM	65.4
802	6/25/2004	12:33:30 AM	279.5	802	6/26/2004	12:01:26 AM	69.5
803	6/25/2004	12:34:30 AM	298.7	803	6/26/2004	12:02:26 AM	81.5
804	6/25/2004	12:35:30 AM	290.5	804	6/26/2004	12:03:26 AM	87.3
805	6/25/2004	12:36:30 AM	286.2	805	6/26/2004	12:04:26 AM	95.6
806	6/25/2004	12:37:30 AM	296.6	806	6/26/2004	12:05:26 AM	96
807	6/25/2004	12:38:30 AM	286.6	807	6/26/2004	12:06:26 AM	96.1
808	6/25/2004	12:39:30 AM	276.1	808	6/26/2004	12:07:26 AM	94.7
809	6/25/2004	12:40:30 AM	295.6	809	6/26/2004	12:08:26 AM	100.1
810	6/25/2004	12:41:30 AM	279.5	810	6/26/2004	12:09:26 AM	101
811	6/25/2004	12:42:30 AM	293.4	811	6/26/2004	12:10:26 AM	100.8
812	6/25/2004	12:43:30 AM	294.9	812	6/26/2004	12:11:26 AM	89.3
813	6/25/2004	12:44:30 AM	265.8	813	6/26/2004	12:12:26 AM	77.4
814	6/25/2004	12:45:30 AM	284.1	814	6/26/2004	12:13:26 AM	72.2
815	6/25/2004	12:46:30 AM	290.9	815	6/26/2004	12:14:26 AM	71.1
816	6/25/2004	12:47:30 AM	293.3	816	6/26/2004	12:15:26 AM	79
817	6/25/2004	12:48:30 AM	284.7	817	6/26/2004	12:16:26 AM	87.9
818	6/25/2004	12:49:30 AM	316.2	818	6/26/2004	12:17:26 AM	91.6
819	6/25/2004	12:50:30 AM	292.8	819	6/26/2004	12:18:26 AM	84.5
820	6/25/2004	12:51:30 AM	314	820	6/26/2004	12:19:26 AM	75.9
821	6/25/2004	12:52:30 AM	297	821	6/26/2004	12:20:26 AM	79.1
822	6/25/2004	12:53:30 AM	289.8	822	6/26/2004	12:21:26 AM	87
823	6/25/2004	12:54:30 AM	279.3	823	6/26/2004	12:22:26 AM	89.7
824	6/25/2004	12:55:30 AM	283.8	824	6/26/2004	12:23:26 AM	87.2
825	6/25/2004	12:56:30 AM	287	825	6/26/2004	12:24:26 AM	80.4
826	6/25/2004	12:57:30 AM	288.6	826	6/26/2004	12:25:26 AM	77.9
827	6/25/2004	12:58:30 AM	255.9	827	6/26/2004	12:26:26 AM	77.6
828	6/25/2004	12:59:30 AM	218.4	828	6/26/2004	12:27:26 AM	86.9
829	6/25/2004	1:00:30 AM	209.1	829	6/26/2004	12:28:26 AM	89.6
830	6/25/2004	1:01:30 AM	240.4	830	6/26/2004	12:29:26 AM	87
831	6/25/2004	1:02:30 AM	265.4	831	6/26/2004	12:30:26 AM	81.8
832	6/25/2004	1:03:30 AM	284.1	832	6/26/2004	12:31:26 AM	76.1
833	6/25/2004	1:04:30 AM	267.9	833	6/26/2004	12:32:26 AM	76.5
834	6/25/2004	1:05:30 AM	284.1	834	6/26/2004	12:33:26 AM	73.9
835	6/25/2004	1:06:30 AM	280.2	835	6/26/2004	12:34:26 AM	73.6
836	6/25/2004	1:07:30 AM	264.8	836	6/26/2004	12:35:26 AM	86.6
837	6/25/2004	1:08:30 AM	224.3	837	6/26/2004	12:36:26 AM	89.2
838	6/25/2004	1:09:30 AM	209.5	838	6/26/2004	12:37:26 AM	94.2
839	6/25/2004	1:10:30 AM	194.7	839	6/26/2004	12:38:26 AM	98.4
840	6/25/2004	1:11:30 AM	187.5	840	6/26/2004	12:39:26 AM	95.9
841	6/25/2004	1:12:30 AM	183.4	841	6/26/2004	12:40:26 AM	98.8
842	6/25/2004	1:13:30 AM	201.3	842	6/26/2004	12:41:26 AM	100
843	6/25/2004	1:14:30 AM	215	843	6/26/2004	12:42:26 AM	103.1
844	6/25/2004	1:15:30 AM	231.3	844	6/26/2004	12:43:26 AM	101.4
845	6/25/2004	1:16:30 AM	257.5	845	6/26/2004	12:44:26 AM	98.6
846	6/25/2004	1:17:30 AM	247.5	846	6/26/2004	12:45:26 AM	99.2

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
847	6/25/2004	1:18:30 AM	276.4	847	6/26/2004	12:46:26 AM	106.5
848	6/25/2004	1:19:30 AM	283.3	848	6/26/2004	12:47:26 AM	102.9
849	6/25/2004	1:20:30 AM	274.5	849	6/26/2004	12:48:26 AM	97.6
850	6/25/2004	1:21:30 AM	281	850	6/26/2004	12:49:26 AM	96.6
851	6/25/2004	1:22:30 AM	292.8	851	6/26/2004	12:50:26 AM	101.1
852	6/25/2004	1:23:30 AM	289.8	852	6/26/2004	12:51:26 AM	101.4
853	6/25/2004	1:24:30 AM	291.5	853	6/26/2004	12:52:26 AM	102.1
854	6/25/2004	1:25:30 AM	303.3	854	6/26/2004	12:53:26 AM	106.6
855	6/25/2004	1:26:30 AM	309.2	855	6/26/2004	12:54:26 AM	105.6
856	6/25/2004	1:27:30 AM	293	856	6/26/2004	12:55:26 AM	103.3
857	6/25/2004	1:28:30 AM	276.7	857	6/26/2004	12:56:26 AM	108.5
858	6/25/2004	1:29:30 AM	275.5	858	6/26/2004	12:57:26 AM	107.8
859	6/25/2004	1:30:30 AM	259.7	859	6/26/2004	12:58:26 AM	97.6
860	6/25/2004	1:31:30 AM	288.7	860	6/26/2004	12:59:26 AM	100.2
861	6/25/2004	1:32:30 AM	272.4	861	6/26/2004	1:00:26 AM	103.8
862	6/25/2004	1:33:30 AM	277.8	862	6/26/2004	1:01:26 AM	104.2
863	6/25/2004	1:34:30 AM	283.6	863	6/26/2004	1:02:26 AM	105
864	6/25/2004	1:35:30 AM	279.8	864	6/26/2004	1:03:26 AM	105.2
865	6/25/2004	1:36:30 AM	268.3	865	6/26/2004	1:04:26 AM	103.9
866	6/25/2004	1:37:30 AM	280.8	866	6/26/2004	1:05:26 AM	101.9
867	6/25/2004	1:38:30 AM	277.3	867	6/26/2004	1:06:26 AM	105.4
868	6/25/2004	1:39:30 AM	265.2	868	6/26/2004	1:07:26 AM	102
869	6/25/2004	1:40:30 AM	253.8	869	6/26/2004	1:08:26 AM	101.7
870	6/25/2004	1:41:30 AM	265.8	870	6/26/2004	1:09:26 AM	101.9
871	6/25/2004	1:42:30 AM	271.8	871	6/26/2004	1:10:26 AM	107
872	6/25/2004	1:43:30 AM	268.2	872	6/26/2004	1:11:26 AM	99.2
873	6/25/2004	1:44:30 AM	283.8	873	6/26/2004	1:12:26 AM	103.4
874	6/25/2004	1:45:30 AM	288.6	874	6/26/2004	1:13:26 AM	102.7
875	6/25/2004	1:46:30 AM	283.5	875	6/26/2004	1:14:26 AM	99.2
876	6/25/2004	1:47:30 AM	279.1	876	6/26/2004	1:15:26 AM	103.1
877	6/25/2004	1:48:30 AM	251.1	877	6/26/2004	1:16:26 AM	93.9
878	6/25/2004	1:49:30 AM	266.2	878	6/26/2004	1:17:26 AM	90.1
879	6/25/2004	1:50:30 AM	246.3	879	6/26/2004	1:18:26 AM	94.1
880	6/25/2004	1:51:30 AM	265.9	880	6/26/2004	1:19:26 AM	96.8
881	6/25/2004	1:52:30 AM	285.5	881	6/26/2004	1:20:26 AM	103.9
882	6/25/2004	1:53:30 AM	255.8	882	6/26/2004	1:21:26 AM	99.4
883	6/25/2004	1:54:30 AM	262.4	883	6/26/2004	1:22:26 AM	90.7
884	6/25/2004	1:55:30 AM	267.4	884	6/26/2004	1:23:26 AM	81.4
885	6/25/2004	1:56:30 AM	257.4	885	6/26/2004	1:24:26 AM	79.1
886	6/25/2004	1:57:30 AM	262.2	886	6/26/2004	1:25:26 AM	88.2
887	6/25/2004	1:58:30 AM	233.4	887	6/26/2004	1:26:26 AM	94.5
888	6/25/2004	1:59:30 AM	238.2	888	6/26/2004	1:27:26 AM	91.8
889	6/25/2004	2:00:30 AM	253.7	889	6/26/2004	1:28:26 AM	94.9
890	6/25/2004	2:01:30 AM	260.5	890	6/26/2004	1:29:26 AM	101.4
891	6/25/2004	2:02:30 AM	233.4	891	6/26/2004	1:30:26 AM	101.4
892	6/25/2004	2:03:30 AM	199.2	892	6/26/2004	1:31:26 AM	103.2
893	6/25/2004	2:04:30 AM	175.4	893	6/26/2004	1:32:26 AM	98.5

**UNCOATED
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MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
894	6/25/2004	2:05:30 AM	157	894	6/26/2004	1:33:26 AM	96.4
895	6/25/2004	2:06:30 AM	139.5	895	6/26/2004	1:34:26 AM	98.1
896	6/25/2004	2:07:30 AM	125.8	896	6/26/2004	1:35:26 AM	99
897	6/25/2004	2:08:30 AM	119.2	897	6/26/2004	1:36:26 AM	99.1
898	6/25/2004	2:09:30 AM	110.4	898	6/26/2004	1:37:26 AM	100.4
899	6/25/2004	2:10:30 AM	132.3	899	6/26/2004	1:38:26 AM	103.2
900	6/25/2004	2:11:30 AM	122.3	900	6/26/2004	1:39:26 AM	102.3
901	6/25/2004	2:12:30 AM	117.2	901	6/26/2004	1:40:26 AM	103.7
902	6/25/2004	2:13:30 AM	110	902	6/26/2004	1:41:26 AM	99.9
903	6/25/2004	2:14:30 AM	104.9	903	6/26/2004	1:42:26 AM	104.5
904	6/25/2004	2:15:30 AM	100.8	904	6/26/2004	1:43:26 AM	102.5
905	6/25/2004	2:16:30 AM	97.7	905	6/26/2004	1:44:26 AM	101.9
906	6/25/2004	2:17:30 AM	94.8	906	6/26/2004	1:45:26 AM	95.6
907	6/25/2004	2:18:30 AM	146.5	907	6/26/2004	1:46:26 AM	85.4
908	6/25/2004	2:19:30 AM	197.1	908	6/26/2004	1:47:26 AM	90.2
909	6/25/2004	2:20:30 AM	221.2	909	6/26/2004	1:48:26 AM	95.7
910	6/25/2004	2:21:30 AM	204.3	910	6/26/2004	1:49:26 AM	96.5
911	6/25/2004	2:22:30 AM	185.2	911	6/26/2004	1:50:26 AM	89.7
912	6/25/2004	2:23:30 AM	187.3	912	6/26/2004	1:51:26 AM	95.3
913	6/25/2004	2:24:30 AM	217.1	913	6/26/2004	1:52:26 AM	101.4
914	6/25/2004	2:25:30 AM	241	914	6/26/2004	1:53:26 AM	96.1
915	6/25/2004	2:26:30 AM	225.1	915	6/26/2004	1:54:26 AM	99.1
916	6/25/2004	2:27:30 AM	206.8	916	6/26/2004	1:55:26 AM	99.1
917	6/25/2004	2:28:30 AM	193	917	6/26/2004	1:56:26 AM	96
918	6/25/2004	2:29:30 AM	203.8	918	6/26/2004	1:57:26 AM	85.7
919	6/25/2004	2:30:30 AM	229.6	919	6/26/2004	1:58:26 AM	77
920	6/25/2004	2:31:30 AM	241.6	920	6/26/2004	1:59:26 AM	70.4
921	6/25/2004	2:32:30 AM	239.1	921	6/26/2004	2:00:26 AM	66.9
922	6/25/2004	2:33:30 AM	267.3	922	6/26/2004	2:01:26 AM	66.8
923	6/25/2004	2:34:30 AM	265.9	923	6/26/2004	2:02:26 AM	64.1
924	6/25/2004	2:35:30 AM	228.3	924	6/26/2004	2:03:26 AM	67.3
925	6/25/2004	2:36:30 AM	209.8	925	6/26/2004	2:04:26 AM	80.7
926	6/25/2004	2:37:30 AM	199.4	926	6/26/2004	2:05:26 AM	85.8
927	6/25/2004	2:38:30 AM	184.9	927	6/26/2004	2:06:26 AM	79.8
928	6/25/2004	2:39:30 AM	187.6	928	6/26/2004	2:07:26 AM	72.6
929	6/25/2004	2:40:30 AM	176.9	929	6/26/2004	2:08:26 AM	69.8
930	6/25/2004	2:41:30 AM	188.9	930	6/26/2004	2:09:26 AM	64.9
931	6/25/2004	2:42:30 AM	221.8	931	6/26/2004	2:10:26 AM	64
932	6/25/2004	2:43:30 AM	250.2	932	6/26/2004	2:11:26 AM	63.6
933	6/25/2004	2:44:30 AM	240.5	933	6/26/2004	2:12:26 AM	62.7
934	6/25/2004	2:45:30 AM	264.8	934	6/26/2004	2:13:26 AM	62.7
935	6/25/2004	2:46:30 AM	279	935	6/26/2004	2:14:26 AM	75.4
936	6/25/2004	2:47:30 AM	262	936	6/26/2004	2:15:26 AM	84.7
937	6/25/2004	2:48:30 AM	268.9	937	6/26/2004	2:16:26 AM	90.4
938	6/25/2004	2:49:30 AM	276.5	938	6/26/2004	2:17:26 AM	80.7
939	6/25/2004	2:50:30 AM	269.7	939	6/26/2004	2:18:26 AM	91.8
940	6/25/2004	2:51:30 AM	255.9	940	6/26/2004	2:19:26 AM	94.2

**UNCOATED
MANIFOLDS**

**COATED
MANIFOLDS**

If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
941	6/25/2004	2:52:30 AM	272.2	941	6/26/2004	2:20:26 AM	95.8
942	6/25/2004	2:53:30 AM	261.2	942	6/26/2004	2:21:26 AM	95.5
943	6/25/2004	2:54:30 AM	262.3	943	6/26/2004	2:22:26 AM	98.5
944	6/25/2004	2:55:30 AM	275	944	6/26/2004	2:23:26 AM	96.2
945	6/25/2004	2:56:30 AM	262.1	945	6/26/2004	2:24:26 AM	97.9
946	6/25/2004	2:57:30 AM	274.8	946	6/26/2004	2:25:26 AM	100.3
947	6/25/2004	2:58:30 AM	270.2	947	6/26/2004	2:26:26 AM	99.8
948	6/25/2004	2:59:30 AM	234.6	948	6/26/2004	2:27:26 AM	98.6
949	6/25/2004	3:00:30 AM	217.4	949	6/26/2004	2:28:26 AM	86.7
950	6/25/2004	3:01:30 AM	231.7	950	6/26/2004	2:29:26 AM	85.5
951	6/25/2004	3:02:30 AM	251.5	951	6/26/2004	2:30:26 AM	91.1
952	6/25/2004	3:03:30 AM	266	952	6/26/2004	2:31:26 AM	90.5
953	6/25/2004	3:04:30 AM	273.1	953	6/26/2004	2:32:26 AM	97.2
954	6/25/2004	3:05:30 AM	277.3	954	6/26/2004	2:33:26 AM	98.6
955	6/25/2004	3:06:30 AM	279.3	955	6/26/2004	2:34:26 AM	99.4
956	6/25/2004	3:07:30 AM	239.5	956	6/26/2004	2:35:26 AM	96.1
957	6/25/2004	3:08:30 AM	216.5	957	6/26/2004	2:36:26 AM	98.3
958	6/25/2004	3:09:30 AM	196.7	958	6/26/2004	2:37:26 AM	100.2
959	6/25/2004	3:10:30 AM	181	959	6/26/2004	2:38:26 AM	100.7
960	6/25/2004	3:11:30 AM	210.5	960	6/26/2004	2:39:26 AM	101.3
961	6/25/2004	3:12:30 AM	245.7	961	6/26/2004	2:40:26 AM	98.8
962	6/25/2004	3:13:30 AM	240.3	962	6/26/2004	2:41:26 AM	98.2
963	6/25/2004	3:14:30 AM	289	963	6/26/2004	2:42:26 AM	103.1
964	6/25/2004	3:15:30 AM	255	964	6/26/2004	2:43:26 AM	97.9
965	6/25/2004	3:16:30 AM	185	965	6/26/2004	2:44:26 AM	99.6
966	6/25/2004	3:17:30 AM	214.6	966	6/26/2004	2:45:26 AM	100
967	6/25/2004	3:18:30 AM	230.5	967	6/26/2004	2:46:26 AM	97.4
968	6/25/2004	3:19:30 AM	244.1	968	6/26/2004	2:47:26 AM	90.1
969	6/25/2004	3:20:30 AM	241.7	969	6/26/2004	2:48:26 AM	91.2
970	6/25/2004	3:21:30 AM	252.5	970	6/26/2004	2:49:26 AM	96.9
971	6/25/2004	3:22:30 AM	259.7	971	6/26/2004	2:50:26 AM	98.8
972	6/25/2004	3:23:30 AM	256.1	972	6/26/2004	2:51:26 AM	97.4
973	6/25/2004	3:24:30 AM	261.9	973	6/26/2004	2:52:26 AM	91.7
974	6/25/2004	3:25:30 AM	275.2	974	6/26/2004	2:53:26 AM	98.9
975	6/25/2004	3:26:30 AM	277.1	975	6/26/2004	2:54:26 AM	101.6
976	6/25/2004	3:27:30 AM	294.6	976	6/26/2004	2:55:26 AM	105.9
977	6/25/2004	3:28:30 AM	290.8	977	6/26/2004	2:56:26 AM	100.8
978	6/25/2004	3:29:30 AM	290	978	6/26/2004	2:57:26 AM	95.5
979	6/25/2004	3:30:30 AM	296.6	979	6/26/2004	2:58:26 AM	100.2
980	6/25/2004	3:31:30 AM	269.7	980	6/26/2004	2:59:26 AM	99.7
981	6/25/2004	3:32:30 AM	262.2	981	6/26/2004	3:00:26 AM	97.3
982	6/25/2004	3:33:30 AM	285.1	982	6/26/2004	3:01:26 AM	101.3
983	6/25/2004	3:34:30 AM	263.6	983	6/26/2004	3:02:26 AM	99.5
984	6/25/2004	3:35:30 AM	280	984	6/26/2004	3:03:26 AM	99.1
985	6/25/2004	3:36:30 AM	290.4	985	6/26/2004	3:04:26 AM	102.8
986	6/25/2004	3:37:30 AM	269.7	986	6/26/2004	3:05:26 AM	97.5
987	6/25/2004	3:38:30 AM	276.4	987	6/26/2004	3:06:26 AM	99.8

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
988	6/25/2004	3:39:30 AM	277.4	988	6/26/2004	3:07:26 AM	102.4
989	6/25/2004	3:40:30 AM	272	989	6/26/2004	3:08:26 AM	95.1
990	6/25/2004	3:41:30 AM	270.5	990	6/26/2004	3:09:26 AM	97.6
991	6/25/2004	3:42:30 AM	280.8	991	6/26/2004	3:10:26 AM	101
992	6/25/2004	3:43:30 AM	266.7	992	6/26/2004	3:11:26 AM	99.5
993	6/25/2004	3:44:30 AM	267.9	993	6/26/2004	3:12:26 AM	103
994	6/25/2004	3:45:30 AM	255.4	994	6/26/2004	3:13:26 AM	101.2
995	6/25/2004	3:46:30 AM	272.9	995	6/26/2004	3:14:26 AM	102.3
996	6/25/2004	3:47:30 AM	283.8	996	6/26/2004	3:15:26 AM	107
997	6/25/2004	3:48:30 AM	281.7	997	6/26/2004	3:16:26 AM	96.4
998	6/25/2004	3:49:30 AM	279.1	998	6/26/2004	3:17:26 AM	79.8
999	6/25/2004	3:50:30 AM	295.5	999	6/26/2004	3:18:26 AM	87.5
1000	6/25/2004	3:51:30 AM	291.6	1000	6/26/2004	3:19:26 AM	94
1001	6/25/2004	3:52:30 AM	273.6	1001	6/26/2004	3:20:26 AM	94.6
1002	6/25/2004	3:53:30 AM	301.8	1002	6/26/2004	3:21:26 AM	87.1
1003	6/25/2004	3:54:30 AM	263.2	1003	6/26/2004	3:22:26 AM	91.5
1004	6/25/2004	3:55:30 AM	263.3	1004	6/26/2004	3:23:26 AM	94
1005	6/25/2004	3:56:30 AM	260.6	1005	6/26/2004	3:24:26 AM	94.5
1006	6/25/2004	3:57:30 AM	228.5	1006	6/26/2004	3:25:26 AM	94.8
1007	6/25/2004	3:58:30 AM	201.5	1007	6/26/2004	3:26:26 AM	99
1008	6/25/2004	3:59:30 AM	212.6	1008	6/26/2004	3:27:26 AM	96.2
1009	6/25/2004	4:00:30 AM	193.3	1009	6/26/2004	3:28:26 AM	98.1
1010	6/25/2004	4:01:30 AM	218.7	1010	6/26/2004	3:29:26 AM	98.4
1011	6/25/2004	4:02:30 AM	240.2	1011	6/26/2004	3:30:26 AM	96.1
1012	6/25/2004	4:03:30 AM	246.7	1012	6/26/2004	3:31:26 AM	102.7
1013	6/25/2004	4:04:30 AM	199.2	1013	6/26/2004	3:32:26 AM	103.9
1014	6/25/2004	4:05:30 AM	212.1	1014	6/26/2004	3:33:26 AM	99.7
1015	6/25/2004	4:06:30 AM	250.5	1015	6/26/2004	3:34:26 AM	90.7
1016	6/25/2004	4:07:30 AM	275.7	1016	6/26/2004	3:35:26 AM	94.9
1017	6/25/2004	4:08:30 AM	271.9	1017	6/26/2004	3:36:26 AM	101.3
1018	6/25/2004	4:09:30 AM	274.1	1018	6/26/2004	3:37:26 AM	101.6
1019	6/25/2004	4:10:30 AM	275.8	1019	6/26/2004	3:38:26 AM	101.9
1020	6/25/2004	4:11:30 AM	291	1020	6/26/2004	3:39:26 AM	93.1
1021	6/25/2004	4:12:30 AM	272	1021	6/26/2004	3:40:26 AM	84.8
1022	6/25/2004	4:13:30 AM	290.5	1022	6/26/2004	3:41:26 AM	78
1023	6/25/2004	4:14:30 AM	271.5	1023	6/26/2004	3:42:26 AM	70.2
1024	6/25/2004	4:15:30 AM	232.6	1024	6/26/2004	3:43:26 AM	64.3
1025	6/25/2004	4:16:30 AM	202.4	1025	6/26/2004	3:44:26 AM	77.6
1026	6/25/2004	4:17:30 AM	176.6	1026	6/26/2004	3:45:26 AM	88.9
1027	6/25/2004	4:18:30 AM	158.4	1027	6/26/2004	3:46:26 AM	92
1028	6/25/2004	4:19:30 AM	143.4	1028	6/26/2004	3:47:26 AM	92.3
1029	6/25/2004	4:20:30 AM	129.4	1029	6/26/2004	3:48:26 AM	98.6
1030	6/25/2004	4:21:30 AM	171.8	1030	6/26/2004	3:49:26 AM	95
1031	6/25/2004	4:22:30 AM	214.5	1031	6/26/2004	3:50:26 AM	98.8
1032	6/25/2004	4:23:30 AM	253.8	1032	6/26/2004	3:51:26 AM	98.3
1033	6/25/2004	4:24:30 AM	265.5	1033	6/26/2004	3:52:26 AM	100.5
1034	6/25/2004	4:25:30 AM	252.5	1034	6/26/2004	3:53:26 AM	104.2

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1035	6/25/2004	4:26:30 AM	277	1035	6/26/2004	3:54:26 AM	94.2
1036	6/25/2004	4:27:30 AM	250.4	1036	6/26/2004	3:55:26 AM	93.1
1037	6/25/2004	4:28:30 AM	277.5	1037	6/26/2004	3:56:26 AM	95.3
1038	6/25/2004	4:29:30 AM	284.7	1038	6/26/2004	3:57:26 AM	91.9
1039	6/25/2004	4:30:30 AM	277.9	1039	6/26/2004	3:58:26 AM	87.8
1040	6/25/2004	4:31:30 AM	273.8	1040	6/26/2004	3:59:26 AM	94.9
1041	6/25/2004	4:32:30 AM	276.1	1041	6/26/2004	4:00:26 AM	96.3
1042	6/25/2004	4:33:30 AM	267.9	1042	6/26/2004	4:01:26 AM	94.9
1043	6/25/2004	4:34:30 AM	267	1043	6/26/2004	4:02:26 AM	97.3
1044	6/25/2004	4:35:30 AM	264.6	1044	6/26/2004	4:03:26 AM	96.9
1045	6/25/2004	4:36:30 AM	282.2	1045	6/26/2004	4:04:26 AM	100.7
1046	6/25/2004	4:37:30 AM	283	1046	6/26/2004	4:05:26 AM	98.1
1047	6/25/2004	4:38:30 AM	270.4	1047	6/26/2004	4:06:26 AM	103.6
1048	6/25/2004	4:39:30 AM	294.7	1048	6/26/2004	4:07:26 AM	101.2
1049	6/25/2004	4:40:30 AM	287.7	1049	6/26/2004	4:08:26 AM	97.9
1050	6/25/2004	4:41:30 AM	301.1	1050	6/26/2004	4:09:26 AM	84.7
1051	6/25/2004	4:42:30 AM	297.6	1051	6/26/2004	4:10:26 AM	75.4
1052	6/25/2004	4:43:30 AM	303.8	1052	6/26/2004	4:11:26 AM	68.3
1053	6/25/2004	4:44:30 AM	289.6	1053	6/26/2004	4:12:26 AM	79.1
1054	6/25/2004	4:45:30 AM	301.2	1054	6/26/2004	4:13:26 AM	86.9
1055	6/25/2004	4:46:30 AM	273.8	1055	6/26/2004	4:14:26 AM	90.4
1056	6/25/2004	4:47:30 AM	283.5	1056	6/26/2004	4:15:26 AM	89.6
1057	6/25/2004	4:48:30 AM	279.1	1057	6/26/2004	4:16:26 AM	92
1058	6/25/2004	4:49:30 AM	274	1058	6/26/2004	4:17:26 AM	94.6
1059	6/25/2004	4:50:30 AM	271.9	1059	6/26/2004	4:18:26 AM	94.8
1060	6/25/2004	4:51:30 AM	278.3	1060	6/26/2004	4:19:26 AM	89.1
1061	6/25/2004	4:52:30 AM	271.9	1061	6/26/2004	4:20:26 AM	94.7
1062	6/25/2004	4:53:30 AM	271.3	1062	6/26/2004	4:21:26 AM	94.6
1063	6/25/2004	4:54:30 AM	299.3	1063	6/26/2004	4:22:26 AM	93.4
1064	6/25/2004	4:55:30 AM	301	1064	6/26/2004	4:23:26 AM	97.4
1065	6/25/2004	4:56:30 AM	285.3	1065	6/26/2004	4:24:26 AM	91
1066	6/25/2004	4:57:30 AM	271.8	1066	6/26/2004	4:25:26 AM	98.1
1067	6/25/2004	4:58:30 AM	249.7	1067	6/26/2004	4:26:26 AM	98
1068	6/25/2004	4:59:30 AM	257.1	1068	6/26/2004	4:27:26 AM	94.7
1069	6/25/2004	5:00:30 AM	256.7	1069	6/26/2004	4:28:26 AM	95.7
1070	6/25/2004	5:01:30 AM	265.4	1070	6/26/2004	4:29:26 AM	96.4
1071	6/25/2004	5:02:30 AM	279.5	1071	6/26/2004	4:30:26 AM	93.6
1072	6/25/2004	5:03:30 AM	274.2	1072	6/26/2004	4:31:26 AM	93.6
1073	6/25/2004	5:04:30 AM	299.4	1073	6/26/2004	4:32:26 AM	97.5
1074	6/25/2004	5:05:30 AM	281.9	1074	6/26/2004	4:33:26 AM	97.7
1075	6/25/2004	5:06:30 AM	281.9	1075	6/26/2004	4:34:26 AM	88.6
1076	6/25/2004	5:07:30 AM	291.4	1076	6/26/2004	4:35:26 AM	96.6
1077	6/25/2004	5:08:30 AM	269.8	1077	6/26/2004	4:36:26 AM	93.1
1078	6/25/2004	5:09:30 AM	227.4	1078	6/26/2004	4:37:26 AM	98.6
1079	6/25/2004	5:10:30 AM	230	1079	6/26/2004	4:38:26 AM	95.3
1080	6/25/2004	5:11:30 AM	217.2	1080	6/26/2004	4:39:26 AM	95.4
1081	6/25/2004	5:12:30 AM	216.4	1081	6/26/2004	4:40:26 AM	98.1

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1082	6/25/2004	5:13:30 AM	191.5	1082	6/26/2004	4:41:26 AM	94.2
1083	6/25/2004	5:14:30 AM	172.6	1083	6/26/2004	4:42:26 AM	100.3
1084	6/25/2004	5:15:30 AM	156	1084	6/26/2004	4:43:26 AM	102
1085	6/25/2004	5:16:30 AM	146.1	1085	6/26/2004	4:44:26 AM	102
1086	6/25/2004	5:17:30 AM	140.2	1086	6/26/2004	4:45:26 AM	104.1
1087	6/25/2004	5:18:30 AM	132.9	1087	6/26/2004	4:46:26 AM	103.9
1088	6/25/2004	5:19:30 AM	128.3	1088	6/26/2004	4:47:26 AM	104.8
1089	6/25/2004	5:20:30 AM	122.6	1089	6/26/2004	4:48:26 AM	97
1090	6/25/2004	5:21:30 AM	144.2	1090	6/26/2004	4:49:26 AM	102.4
1091	6/25/2004	5:22:30 AM	177.2	1091	6/26/2004	4:50:26 AM	97.6
1092	6/25/2004	5:23:30 AM	206.5	1092	6/26/2004	4:51:26 AM	104
1093	6/25/2004	5:24:30 AM	215.7	1093	6/26/2004	4:52:26 AM	97.2
1094	6/25/2004	5:25:30 AM	225.6	1094	6/26/2004	4:53:26 AM	101.9
1095	6/25/2004	5:26:30 AM	238	1095	6/26/2004	4:54:26 AM	97.1
1096	6/25/2004	5:27:30 AM	216.9	1096	6/26/2004	4:55:26 AM	93.7
1097	6/25/2004	5:28:30 AM	220.9	1097	6/26/2004	4:56:26 AM	95.9
1098	6/25/2004	5:29:30 AM	243.2	1098	6/26/2004	4:57:26 AM	95.7
1099	6/25/2004	5:30:30 AM	210.7	1099	6/26/2004	4:58:26 AM	93.8
1100	6/25/2004	5:31:30 AM	186.1	1100	6/26/2004	4:59:26 AM	96.4
1101	6/25/2004	5:32:30 AM	162.3	1101	6/26/2004	5:00:26 AM	98.7
1102	6/25/2004	5:33:30 AM	144.8	1102	6/26/2004	5:01:26 AM	96.4
1103	6/25/2004	5:34:30 AM	132.3	1103	6/26/2004	5:02:26 AM	100.9
1104	6/25/2004	5:35:30 AM	121.9	1104	6/26/2004	5:03:26 AM	96.2
1105	6/25/2004	5:36:30 AM	115.4	1105	6/26/2004	5:04:26 AM	94.6
1106	6/25/2004	5:37:30 AM	138.6	1106	6/26/2004	5:05:26 AM	97
1107	6/25/2004	5:38:30 AM	153.5	1107	6/26/2004	5:06:26 AM	81
1108	6/25/2004	5:39:30 AM	158.6	1108	6/26/2004	5:07:26 AM	71.3
1109	6/25/2004	5:40:30 AM	168.7	1109	6/26/2004	5:08:26 AM	63.9
1110	6/25/2004	5:41:30 AM	197.9	1110	6/26/2004	5:09:26 AM	59
1111	6/25/2004	5:42:30 AM	234.9	1111	6/26/2004	5:10:26 AM	59.3
1112	6/25/2004	5:43:30 AM	238.3	1112	6/26/2004	5:11:26 AM	76
1113	6/25/2004	5:44:30 AM	230.3	1113	6/26/2004	5:12:26 AM	77.7
1114	6/25/2004	5:45:30 AM	273.9	1114	6/26/2004	5:13:26 AM	83.6
1115	6/25/2004	5:46:30 AM	267.1	1115	6/26/2004	5:14:26 AM	85
1116	6/25/2004	5:47:30 AM	246.7	1116	6/26/2004	5:15:26 AM	87.8
1117	6/25/2004	5:48:30 AM	232.9	1117	6/26/2004	5:16:26 AM	88.1
1118	6/25/2004	5:49:30 AM	229.9	1118	6/26/2004	5:17:26 AM	94.9
1119	6/25/2004	5:50:30 AM	199.7	1119	6/26/2004	5:18:26 AM	94.3
1120	6/25/2004	5:51:30 AM	202.1	1120	6/26/2004	5:19:26 AM	99.2
1121	6/25/2004	5:52:30 AM	227.7	1121	6/26/2004	5:20:26 AM	101.1
1122	6/25/2004	5:53:30 AM	250.7	1122	6/26/2004	5:21:26 AM	91.6
1123	6/25/2004	5:54:30 AM	222.5	1123	6/26/2004	5:22:26 AM	81.4
1124	6/25/2004	5:55:30 AM	257.5	1124	6/26/2004	5:23:26 AM	74.6
1125	6/25/2004	5:56:30 AM	277.7	1125	6/26/2004	5:24:26 AM	66.3
1126	6/25/2004	5:57:30 AM	261.7	1126	6/26/2004	5:25:26 AM	60.9
1127	6/25/2004	5:58:30 AM	271.4	1127	6/26/2004	5:26:26 AM	56.3
1128	6/25/2004	5:59:30 AM	268	1128	6/26/2004	5:27:26 AM	53.3

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1129	6/25/2004	6:00:30 AM	298.5	1129	6/26/2004	5:28:26 AM	51.2
1130	6/25/2004	6:01:30 AM	276.7	1130	6/26/2004	5:29:26 AM	49.5
1131	6/25/2004	6:02:30 AM	290.1	1131	6/26/2004	5:30:26 AM	48.4
1132	6/25/2004	6:03:30 AM	292.1	1132	6/26/2004	5:31:26 AM	47.4 Lowest
1133	6/25/2004	6:04:30 AM	287.3	1133	6/26/2004	5:32:26 AM	57.6
1134	6/25/2004	6:05:30 AM	261.4	1134	6/26/2004	5:33:26 AM	66.3
1135	6/25/2004	6:06:30 AM	250.6	1135	6/26/2004	5:34:26 AM	77.4
1136	6/25/2004	6:07:30 AM	231	1136	6/26/2004	5:35:26 AM	83
1137	6/25/2004	6:08:30 AM	199	1137	6/26/2004	5:36:26 AM	85
1138	6/25/2004	6:09:30 AM	176.4	1138	6/26/2004	5:37:26 AM	86.9
1139	6/25/2004	6:10:30 AM	213.1	1139	6/26/2004	5:38:26 AM	87.7
1140	6/25/2004	6:11:30 AM	241.2	1140	6/26/2004	5:39:26 AM	84.5
1141	6/25/2004	6:12:30 AM	253.3	1141	6/26/2004	5:40:26 AM	93
1142	6/25/2004	6:13:30 AM	246.6	1142	6/26/2004	5:41:26 AM	92.5
1143	6/25/2004	6:14:30 AM	279.3	1143	6/26/2004	5:42:26 AM	86.3
1144	6/25/2004	6:15:30 AM	277.3	1144	6/26/2004	5:43:26 AM	85.3
1145	6/25/2004	6:16:30 AM	292.9	1145	6/26/2004	5:44:26 AM	76.9
1146	6/25/2004	6:17:30 AM	288.4	1146	6/26/2004	5:45:26 AM	70.7
1147	6/25/2004	6:18:30 AM	299.1	1147	6/26/2004	5:46:26 AM	69.4
1148	6/25/2004	6:19:30 AM	292.6	1148	6/26/2004	5:47:26 AM	82.5
1149	6/25/2004	6:20:30 AM	278.3	1149	6/26/2004	5:48:26 AM	92.5
1150	6/25/2004	6:21:30 AM	260.2	1150	6/26/2004	5:49:26 AM	92
1151	6/25/2004	6:22:30 AM	243.8	1151	6/26/2004	5:50:26 AM	93.8
1152	6/25/2004	6:23:30 AM	254.6	1152	6/26/2004	5:51:26 AM	100.9
1153	6/25/2004	6:24:30 AM	258.2	1153	6/26/2004	5:52:26 AM	99.6
1154	6/25/2004	6:25:30 AM	226	1154	6/26/2004	5:53:26 AM	102.5
1155	6/25/2004	6:26:30 AM	220.8	1155	6/26/2004	5:54:26 AM	102
1156	6/25/2004	6:27:30 AM	230	1156	6/26/2004	5:55:26 AM	104.8
1157	6/25/2004	6:28:30 AM	198.9	1157	6/26/2004	5:56:26 AM	101.4
1158	6/25/2004	6:29:30 AM	213.7	1158	6/26/2004	5:57:26 AM	103.2
1159	6/25/2004	6:30:30 AM	247.7	1159	6/26/2004	5:58:26 AM	103.8
1160	6/25/2004	6:31:30 AM	259.2	1160	6/26/2004	5:59:26 AM	99.5
1161	6/25/2004	6:32:30 AM	252.5	1161	6/26/2004	6:00:26 AM	102.5
1162	6/25/2004	6:33:30 AM	284	1162	6/26/2004	6:01:26 AM	101.4
1163	6/25/2004	6:34:30 AM	281.1	1163	6/26/2004	6:02:26 AM	102.9
1164	6/25/2004	6:35:30 AM	236.3	1164	6/26/2004	6:03:26 AM	101.5
1165	6/25/2004	6:36:30 AM	206.8	1165	6/26/2004	6:04:26 AM	99.9
1166	6/25/2004	6:37:30 AM	195.7	1166	6/26/2004	6:05:26 AM	99.8
1167	6/25/2004	6:38:30 AM	194.1	1167	6/26/2004	6:06:26 AM	99.8
1168	6/25/2004	6:39:30 AM	212.1	1168	6/26/2004	6:07:26 AM	101.6
1169	6/25/2004	6:40:30 AM	248.7	1169	6/26/2004	6:08:26 AM	103.8
1170	6/25/2004	6:41:30 AM	266.8	1170	6/26/2004	6:09:26 AM	104.1
1171	6/25/2004	6:42:30 AM	284.9	1171	6/26/2004	6:10:26 AM	104.7
1172	6/25/2004	6:43:30 AM	279.6	1172	6/26/2004	6:11:26 AM	97.2
1173	6/25/2004	6:44:30 AM	257.1	1173	6/26/2004	6:12:26 AM	102.3
1174	6/25/2004	6:45:30 AM	281.2	1174	6/26/2004	6:13:26 AM	99.3
1175	6/25/2004	6:46:30 AM	280.8	1175	6/26/2004	6:14:26 AM	97.1

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1176	6/25/2004	6:47:30 AM	266.6	1176	6/26/2004	6:15:26 AM	104.6
1177	6/25/2004	6:48:30 AM	284.5	1177	6/26/2004	6:16:26 AM	102.8
1178	6/25/2004	6:49:30 AM	292.8	1178	6/26/2004	6:17:26 AM	103.2
1179	6/25/2004	6:50:30 AM	296.2	1179	6/26/2004	6:18:26 AM	103.2
1180	6/25/2004	6:51:30 AM	288.3	1180	6/26/2004	6:19:26 AM	101
1181	6/25/2004	6:52:30 AM	300.6	1181	6/26/2004	6:20:26 AM	92.4
1182	6/25/2004	6:53:30 AM	317.2	1182	6/26/2004	6:21:26 AM	80
1183	6/25/2004	6:54:30 AM	298.9	1183	6/26/2004	6:22:26 AM	82.8
1184	6/25/2004	6:55:30 AM	261.7	1184	6/26/2004	6:23:26 AM	91.4
1185	6/25/2004	6:56:30 AM	220.4	1185	6/26/2004	6:24:26 AM	94
1186	6/25/2004	6:57:30 AM	189.4	1186	6/26/2004	6:25:26 AM	91.3
1187	6/25/2004	6:58:30 AM	165.1	1187	6/26/2004	6:26:26 AM	93.3
1188	6/25/2004	6:59:30 AM	142.4	1188	6/26/2004	6:27:26 AM	96.3
1189	6/25/2004	7:00:30 AM	171.9	1189	6/26/2004	6:28:26 AM	94.3
1190	6/25/2004	7:01:30 AM	233	1190	6/26/2004	6:29:26 AM	93
1191	6/25/2004	7:02:30 AM	234.8	1191	6/26/2004	6:30:26 AM	93.4
1192	6/25/2004	7:03:30 AM	227.5	1192	6/26/2004	6:31:26 AM	97.7
1193	6/25/2004	7:04:30 AM	248.1	1193	6/26/2004	6:32:26 AM	96.3
1194	6/25/2004	7:05:30 AM	265.6	1194	6/26/2004	6:33:26 AM	99
1195	6/25/2004	7:06:30 AM	261.4	1195	6/26/2004	6:34:26 AM	92
1196	6/25/2004	7:07:30 AM	278.8	1196	6/26/2004	6:35:26 AM	77.6
1197	6/25/2004	7:08:30 AM	274.9	1197	6/26/2004	6:36:26 AM	78.9
1198	6/25/2004	7:09:30 AM	233.7	1198	6/26/2004	6:37:26 AM	83.7
1199	6/25/2004	7:10:30 AM	242.3	1199	6/26/2004	6:38:26 AM	88.2
1200	6/25/2004	7:11:30 AM	246	1200	6/26/2004	6:39:26 AM	81.6
1201	6/25/2004	7:12:30 AM	265.7	1201	6/26/2004	6:40:26 AM	83.7
1202	6/25/2004	7:13:30 AM	267.7	1202	6/26/2004	6:41:26 AM	90.9
1203	6/25/2004	7:14:30 AM	245.5	1203	6/26/2004	6:42:26 AM	95.5
1204	6/25/2004	7:15:30 AM	280	1204	6/26/2004	6:43:26 AM	96.8
1205	6/25/2004	7:16:30 AM	277.1	1205	6/26/2004	6:44:26 AM	99.6
1206	6/25/2004	7:17:30 AM	265.9	1206	6/26/2004	6:45:26 AM	95.3
1207	6/25/2004	7:18:30 AM	266.1	1207	6/26/2004	6:46:26 AM	99.7
1208	6/25/2004	7:19:30 AM	264.4	1208	6/26/2004	6:47:26 AM	98.8
1209	6/25/2004	7:20:30 AM	258.2	1209	6/26/2004	6:48:26 AM	98.7
1210	6/25/2004	7:21:30 AM	259.3	1210	6/26/2004	6:49:26 AM	101
1211	6/25/2004	7:22:30 AM	278.5	1211	6/26/2004	6:50:26 AM	95.5
1212	6/25/2004	7:23:30 AM	263.7	1212	6/26/2004	6:51:26 AM	100.9
1213	6/25/2004	7:24:30 AM	287.2	1213	6/26/2004	6:52:26 AM	95.2
1214	6/25/2004	7:25:30 AM	269.8	1214	6/26/2004	6:53:26 AM	93.2
1215	6/25/2004	7:26:30 AM	306.7	1215	6/26/2004	6:54:26 AM	81.3
1216	6/25/2004	7:27:30 AM	291.5	1216	6/26/2004	6:55:26 AM	71.6
1217	6/25/2004	7:28:30 AM	286.1	1217	6/26/2004	6:56:26 AM	64.1
1218	6/25/2004	7:29:30 AM	280.7	1218	6/26/2004	6:57:26 AM	59.2
1219	6/25/2004	7:30:30 AM	291.2	1219	6/26/2004	6:58:26 AM	55.3
1220	6/25/2004	7:31:30 AM	304.2	1220	6/26/2004	6:59:26 AM	52.3
1221	6/25/2004	7:32:30 AM	301.3	1221	6/26/2004	7:00:26 AM	53.7
1222	6/25/2004	7:33:30 AM	297.8	1222	6/26/2004	7:01:26 AM	74.5

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1223	6/25/2004	7:34:30 AM	285.4	1223	6/26/2004	7:02:26 AM	82.6
1224	6/25/2004	7:35:30 AM	309.4	1224	6/26/2004	7:03:26 AM	76.1
1225	6/25/2004	7:36:30 AM	265.6	1225	6/26/2004	7:04:26 AM	77.8
1226	6/25/2004	7:37:30 AM	225.3	1226	6/26/2004	7:05:26 AM	85.6
1227	6/25/2004	7:38:30 AM	189.2	1227	6/26/2004	7:06:26 AM	89.3
1228	6/25/2004	7:39:30 AM	229.6	1228	6/26/2004	7:07:26 AM	86.5
1229	6/25/2004	7:40:30 AM	240	1229	6/26/2004	7:08:26 AM	92
1230	6/25/2004	7:41:30 AM	254.7	1230	6/26/2004	7:09:26 AM	92.4
1231	6/25/2004	7:42:30 AM	274.1	1231	6/26/2004	7:10:26 AM	97.8
1232	6/25/2004	7:43:30 AM	275.3	1232	6/26/2004	7:11:26 AM	99.8
1233	6/25/2004	7:44:30 AM	276.2	1233	6/26/2004	7:12:26 AM	93.7
1234	6/25/2004	7:45:30 AM	285.7	1234	6/26/2004	7:13:26 AM	95
1235	6/25/2004	7:46:30 AM	299.2	1235	6/26/2004	7:14:26 AM	99.7
1236	6/25/2004	7:47:30 AM	299.4	1236	6/26/2004	7:15:26 AM	100.6
1237	6/25/2004	7:48:30 AM	281	1237	6/26/2004	7:16:26 AM	100
1238	6/25/2004	7:49:30 AM	313.4	1238	6/26/2004	7:17:26 AM	103
1239	6/25/2004	7:50:30 AM	312.1	1239	6/26/2004	7:18:26 AM	101.3
1240	6/25/2004	7:51:30 AM	297.3	1240	6/26/2004	7:19:26 AM	102.4
1241	6/25/2004	7:52:30 AM	294	1241	6/26/2004	7:20:26 AM	102.6
1242	6/25/2004	7:53:30 AM	302.4	1242	6/26/2004	7:21:26 AM	99.7
1243	6/25/2004	7:54:30 AM	287.7	1243	6/26/2004	7:22:26 AM	97.8
1244	6/25/2004	7:55:30 AM	298.6	1244	6/26/2004	7:23:26 AM	96.3
1245	6/25/2004	7:56:30 AM	294	1245	6/26/2004	7:24:26 AM	90.1
1246	6/25/2004	7:57:30 AM	300.3	1246	6/26/2004	7:25:26 AM	96.9
1247	6/25/2004	7:58:30 AM	314.4	1247	6/26/2004	7:26:26 AM	95.4
1248	6/25/2004	7:59:30 AM	288.9	1248	6/26/2004	7:27:26 AM	95.3
1249	6/25/2004	8:00:30 AM	290.8	1249	6/26/2004	7:28:26 AM	98
1250	6/25/2004	8:01:30 AM	290.1	1250	6/26/2004	7:29:26 AM	95.2
1251	6/25/2004	8:02:30 AM	272.2	1251	6/26/2004	7:30:26 AM	90.5
1252	6/25/2004	8:03:30 AM	272.1	1252	6/26/2004	7:31:26 AM	88.9
1253	6/25/2004	8:04:30 AM	285.6	1253	6/26/2004	7:32:26 AM	95
1254	6/25/2004	8:05:30 AM	265.4	1254	6/26/2004	7:33:26 AM	89
1255	6/25/2004	8:06:30 AM	294	1255	6/26/2004	7:34:26 AM	93.4
1256	6/25/2004	8:07:30 AM	287.9	1256	6/26/2004	7:35:26 AM	103.2
1257	6/25/2004	8:08:30 AM	248.6	1257	6/26/2004	7:36:26 AM	93.7
1258	6/25/2004	8:09:30 AM	249.6	1258	6/26/2004	7:37:26 AM	96.9
1259	6/25/2004	8:10:30 AM	277.9	1259	6/26/2004	7:38:26 AM	90.6
1260	6/25/2004	8:11:30 AM	279.5	1260	6/26/2004	7:39:26 AM	96.5
1261	6/25/2004	8:12:30 AM	302.1	1261	6/26/2004	7:40:26 AM	100.6
1262	6/25/2004	8:13:30 AM	294.3	1262	6/26/2004	7:41:26 AM	96.1
1263	6/25/2004	8:14:30 AM	298.9	1263	6/26/2004	7:42:26 AM	97.6
1264	6/25/2004	8:15:30 AM	288.3	1264	6/26/2004	7:43:26 AM	99.7
1265	6/25/2004	8:16:30 AM	299.7	1265	6/26/2004	7:44:26 AM	97.7
1266	6/25/2004	8:17:30 AM	268	1266	6/26/2004	7:45:26 AM	98.9
1267	6/25/2004	8:18:30 AM	280.7	1267	6/26/2004	7:46:26 AM	93.7
1268	6/25/2004	8:19:30 AM	282.7	1268	6/26/2004	7:47:26 AM	98.9
1269	6/25/2004	8:20:30 AM	285.2	1269	6/26/2004	7:48:26 AM	96.9

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1270	6/25/2004	8:21:30 AM	257.9	1270	6/26/2004	7:49:26 AM	99
1271	6/25/2004	8:22:30 AM	248.1	1271	6/26/2004	7:50:26 AM	99.7
1272	6/25/2004	8:23:30 AM	263.7	1272	6/26/2004	7:51:26 AM	92.3
1273	6/25/2004	8:24:30 AM	286.8	1273	6/26/2004	7:52:26 AM	99.1
1274	6/25/2004	8:25:30 AM	273.3	1274	6/26/2004	7:53:26 AM	97.6
1275	6/25/2004	8:26:30 AM	266.3	1275	6/26/2004	7:54:26 AM	102.8
1276	6/25/2004	8:27:30 AM	290	1276	6/26/2004	7:55:26 AM	101.7
1277	6/25/2004	8:28:30 AM	290.1	1277	6/26/2004	7:56:26 AM	88.6
1278	6/25/2004	8:29:30 AM	283.4	1278	6/26/2004	7:57:26 AM	98
1279	6/25/2004	8:30:30 AM	284.2	1279	6/26/2004	7:58:26 AM	101.5
1280	6/25/2004	8:31:30 AM	284.4	1280	6/26/2004	7:59:26 AM	101
1281	6/25/2004	8:32:30 AM	285.8	1281	6/26/2004	8:00:26 AM	101.5
1282	6/25/2004	8:33:30 AM	280.3	1282	6/26/2004	8:01:26 AM	102.6
1283	6/25/2004	8:34:30 AM	271.8	1283	6/26/2004	8:02:26 AM	97.9
1284	6/25/2004	8:35:30 AM	258.6	1284	6/26/2004	8:03:26 AM	94.5
1285	6/25/2004	8:36:30 AM	288.9	1285	6/26/2004	8:04:26 AM	97
1286	6/25/2004	8:37:30 AM	277.4	1286	6/26/2004	8:05:26 AM	101.6
1287	6/25/2004	8:38:30 AM	287.3	1287	6/26/2004	8:06:26 AM	98.1
1288	6/25/2004	8:39:30 AM	284.3	1288	6/26/2004	8:07:26 AM	98.4
1289	6/25/2004	8:40:30 AM	287.7	1289	6/26/2004	8:08:26 AM	100.8
1290	6/25/2004	8:41:30 AM	285.9	1290	6/26/2004	8:09:26 AM	99.6
1291	6/25/2004	8:42:30 AM	277.7	1291	6/26/2004	8:10:26 AM	98.2
1292	6/25/2004	8:43:30 AM	300.9	1292	6/26/2004	8:11:26 AM	96.3
1293	6/25/2004	8:44:30 AM	311.6	1293	6/26/2004	8:12:26 AM	97.1
1294	6/25/2004	8:45:30 AM	302.6	1294	6/26/2004	8:13:26 AM	98.8
1295	6/25/2004	8:46:30 AM	307	1295	6/26/2004	8:14:26 AM	102.3
1296	6/25/2004	8:47:30 AM	292.9	1296	6/26/2004	8:15:26 AM	98.7
1297	6/25/2004	8:48:30 AM	300	1297	6/26/2004	8:16:26 AM	96.7
1298	6/25/2004	8:49:30 AM	297.1	1298	6/26/2004	8:17:26 AM	95.5
1299	6/25/2004	8:50:30 AM	313.8	1299	6/26/2004	8:18:26 AM	97
1300	6/25/2004	8:51:30 AM	312.1	1300	6/26/2004	8:19:26 AM	100.1
1301	6/25/2004	8:52:30 AM	311.8	1301	6/26/2004	8:20:26 AM	102.3
1302	6/25/2004	8:53:30 AM	293	1302	6/26/2004	8:21:26 AM	103.5
1303	6/25/2004	8:54:30 AM	307.4	1303	6/26/2004	8:22:26 AM	98
1304	6/25/2004	8:55:30 AM	296.1	1304	6/26/2004	8:23:26 AM	98.3
1305	6/25/2004	8:56:30 AM	291.4	1305	6/26/2004	8:24:26 AM	98.4
1306	6/25/2004	8:57:30 AM	269	1306	6/26/2004	8:25:26 AM	95.2
1307	6/25/2004	8:58:30 AM	297.7	1307	6/26/2004	8:26:26 AM	100.7
1308	6/25/2004	8:59:30 AM	286.7	1308	6/26/2004	8:27:26 AM	97
1309	6/25/2004	9:00:30 AM	281.8	1309	6/26/2004	8:28:26 AM	101.1
1310	6/25/2004	9:01:30 AM	278.9	1310	6/26/2004	8:29:26 AM	102
1311	6/25/2004	9:02:30 AM	275	1311	6/26/2004	8:30:26 AM	96.2
1312	6/25/2004	9:03:30 AM	279.7	1312	6/26/2004	8:31:26 AM	98.6
1313	6/25/2004	9:04:30 AM	284.6	1313	6/26/2004	8:32:26 AM	97.3
1314	6/25/2004	9:05:30 AM	286.3	1314	6/26/2004	8:33:26 AM	99
1315	6/25/2004	9:06:30 AM	278.7	1315	6/26/2004	8:34:26 AM	104
1316	6/25/2004	9:07:30 AM	298.5	1316	6/26/2004	8:35:26 AM	98.4

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If Red =	Above Flash Point	Percentage Reduction		If Red =	Above Flash Point
346.2 C	Highest Recorded	Highest Recorded	39%	211.7 C	Highest Recorded
68.5 C	Lowest Recorded	Lowest Recorded	31%	47.4	Lowest Recorded
263.1	Average Recorded	Average Recorded	64%	94.0 C	Average Recorded

Hexindo Test1	Date	Time	°C	Hexindo Test2	Date	Time	°C
1317	6/25/2004	9:08:30 AM	306.5	1317	6/26/2004	8:36:26 AM	103.5
1318	6/25/2004	9:09:30 AM	308.5	1318	6/26/2004	8:37:26 AM	101.8
1319	6/25/2004	9:10:30 AM	308.7	1319	6/26/2004	8:38:26 AM	100.6
1320	6/25/2004	9:11:30 AM	326.7	1320	6/26/2004	8:39:26 AM	97.9
1321	6/25/2004	9:12:30 AM	296.7	1321	6/26/2004	8:40:26 AM	93.6
1322	6/25/2004	9:13:30 AM	290.3	1322	6/26/2004	8:41:26 AM	96.4
1323	6/25/2004	9:14:30 AM	268.2	1323	6/26/2004	8:42:26 AM	99.7
1324	6/25/2004	9:15:30 AM	270.5	1324	6/26/2004	8:43:26 AM	94.7
1325	6/25/2004	9:16:30 AM	266.2	1325	6/26/2004	8:44:26 AM	97.3
1326	6/25/2004	9:17:30 AM	289.2	1326	6/26/2004	8:45:26 AM	99.6
1327	6/25/2004	9:18:30 AM	268.3	1327	6/26/2004	8:46:26 AM	95.4
1328	6/25/2004	9:19:30 AM	287.8	1328	6/26/2004	8:47:26 AM	102.3
1329	6/25/2004	9:20:30 AM	278.4	1329	6/26/2004	8:48:26 AM	100.2
1330	6/25/2004	9:21:30 AM	301.3	1330	6/26/2004	8:49:26 AM	101.6
1331	6/25/2004	9:22:30 AM	292.2	1331	6/26/2004	8:50:26 AM	106.2
1332	6/25/2004	9:23:30 AM	300.7	1332	6/26/2004	8:51:26 AM	106.1
1333	6/25/2004	9:24:30 AM	291.3	1333	6/26/2004	8:52:26 AM	103.9
1334	6/25/2004	9:25:30 AM	304.7	1334	6/26/2004	8:53:26 AM	104.7
1335	6/25/2004	9:26:30 AM	287.5	1335	6/26/2004	8:54:26 AM	104.2
1336	6/25/2004	9:27:30 AM	305.7	1336	6/26/2004	8:55:26 AM	102.3
1337	6/25/2004	9:28:30 AM	308	1337	6/26/2004	8:56:26 AM	99.1
1338	6/25/2004	9:29:30 AM	283.3	1338	6/26/2004	8:57:26 AM	99
1339	6/25/2004	9:30:30 AM	282.9	1339	6/26/2004	8:58:26 AM	99.7
1340	6/25/2004	9:31:30 AM	287.5	1340	6/26/2004	8:59:26 AM	98.4
1341	6/25/2004	9:32:30 AM	292.8	1341	6/26/2004	9:00:26 AM	98.7
1342	6/25/2004	9:33:30 AM	297.3	1342	6/26/2004	9:01:26 AM	102.7
1343	6/25/2004	9:34:30 AM	291.1	1343	6/26/2004	9:02:26 AM	100.9
1344	6/25/2004	9:35:30 AM	270.3	1344	6/26/2004	9:03:26 AM	95.2
1345	6/25/2004	9:36:30 AM	296.7	1345	6/26/2004	9:04:26 AM	99.5
1346	6/25/2004	9:37:30 AM	282.7	1346	6/26/2004	9:05:26 AM	95.9
1347	6/25/2004	9:38:30 AM	281.6	1347	6/26/2004	9:06:26 AM	96.1
1348	6/25/2004	9:39:30 AM	294	1348	6/26/2004	9:07:26 AM	100.9
1349	6/25/2004	9:40:30 AM	286.5	1349	6/26/2004	9:08:26 AM	94.4
1350	6/25/2004	9:41:30 AM	296.1	1350	6/26/2004	9:09:26 AM	91.9
1351	6/25/2004	9:42:30 AM	261.5	1351	6/26/2004	9:10:26 AM	100.4
1352	6/25/2004	9:43:30 AM	278.1	1352	6/26/2004	9:11:26 AM	100.1
1353	6/25/2004	9:44:30 AM	241.7	1353	6/26/2004	9:12:26 AM	97.7
1354	6/25/2004	9:45:30 AM	216.8	1354	6/26/2004	9:13:26 AM	100.3
1355	6/25/2004	9:46:30 AM	196	1355	6/26/2004	9:14:26 AM	102.2
1356	6/25/2004	9:47:30 AM	212	1356	6/26/2004	9:15:26 AM	103.4
1357	6/25/2004	9:48:30 AM	215.8	1357	6/26/2004	9:16:26 AM	101.3
1358	6/25/2004	9:49:30 AM	250	1358	6/26/2004	9:17:26 AM	104.8
1359	6/25/2004	9:50:30 AM	272.6	1359	6/26/2004	9:18:26 AM	104.1
1360	6/25/2004	9:51:30 AM	289.4	1360	6/26/2004	9:19:26 AM	102
1361	6/25/2004	9:52:30 AM	280.6	1361	6/26/2004	9:20:26 AM	103.7
1362	6/25/2004	9:53:30 AM	288.6	1362	6/26/2004	9:21:26 AM	100.7
1363	6/25/2004	9:54:30 AM	292.8	1363	6/26/2004	9:22:26 AM	103

UNCOATED MANIFOLDS					COATED MANIFOLDS					
If Red =		Above Flash Point		Percentage Reduction			If Red =		Above Flash Point	
346.2 C	Highest Recorded			Highest Recorded	39%		211.7 C	Highest Recorded		
68.5 C	Lowest Recorded			Lowest Recorded	31%		47.4	Lowest Recorded		
263.1	Average Recorded			Average Recorded	64%		94.0 C	Average Recorded		
Hexindo Test1	Date	Time	°C		Hexindo Test2	Date	Time	°C		
1364	6/25/2004	9:55:30 AM	298.9		1364	6/26/2004	9:23:26 AM	101.1		
1365	6/25/2004	9:56:30 AM	290.4		1365	6/26/2004	9:24:26 AM	103.8		
1366	6/25/2004	9:57:30 AM	275.9		1366	6/26/2004	9:25:26 AM	108.2		
1367	6/25/2004	9:58:30 AM	256.4		1367	6/26/2004	9:26:26 AM	107		
1368	6/25/2004	9:59:30 AM	272.4		1368	6/26/2004	9:27:26 AM	103.7		
1369	6/25/2004	10:00:30 AM	268.7		1369	6/26/2004	9:28:26 AM	102.5		
1370	6/25/2004	10:01:30 AM	274.7		1370	6/26/2004	9:29:26 AM	102.4		
1371	6/25/2004	10:02:30 AM	279.7		1371	6/26/2004	9:30:26 AM	99.1		
1372	6/25/2004	10:03:30 AM	273.7		1372	6/26/2004	9:31:26 AM	102.9		
1373	6/25/2004	10:04:30 AM	283.1		1373	6/26/2004	9:32:26 AM	102.8		
1374	6/25/2004	10:05:30 AM	288.8		1374	6/26/2004	9:33:26 AM	103.5		
1375	6/25/2004	10:06:30 AM	297.4		1375	6/26/2004	9:34:26 AM	105.9		
1376	6/25/2004	10:07:30 AM	302.5		1376	6/26/2004	9:35:26 AM	95.1		
1377	6/25/2004	10:08:30 AM	298.6		1377	6/26/2004	9:36:26 AM	97.9		
1378	6/25/2004	10:09:30 AM	305.8		1378	6/26/2004	9:37:26 AM	100.8		
1379	6/25/2004	10:10:30 AM	305.5		1379	6/26/2004	9:38:26 AM	103.3		
1380	6/25/2004	10:11:30 AM	290.9		1380	6/26/2004	9:39:26 AM	100.5		
1381	6/25/2004	10:12:30 AM	300		1381	6/26/2004	9:40:26 AM	103.1		
1382	6/25/2004	10:13:30 AM	255.7		1382	6/26/2004	9:41:26 AM	102.4		
1383	6/25/2004	10:14:30 AM	266.9		1383	6/26/2004	9:42:26 AM	103.5		
1384	6/25/2004	10:15:30 AM	248.5		1384	6/26/2004	9:43:26 AM	105.2		
1385	6/25/2004	10:16:30 AM	232		1385	6/26/2004	9:44:26 AM	98.1		
1386	6/25/2004	10:17:30 AM	68.5	Lowest	1386	6/26/2004	9:45:26 AM	91.2		
1387	6/25/2004	10:18:30 AM	205		1387	6/26/2004	9:46:26 AM	100.8		
1388	6/25/2004	10:19:30 AM	192.1		1388	6/26/2004	9:47:26 AM	95.7		
263.1 Mean					94.0 Mean					