



**STL**<sup>SM</sup>  
**STANDARDS**  
**TESTING LABS**

Tough On Testing.<sup>SM</sup>

# St. Barsabas Inc.

L1-803

TEST NO. STB1-1194

DATE 4/15/02

MATERIAL PLASTIC

STATION NO. 22

PART NO. ORANGE / NO BEARING

	DATE	START TIME	END TIME	TECH	TEST LOAD (LBS)	ACTUAL LOAD (LBS)	SPEED (MPH)	AMBIENT (°F)	INFRARED (°F)	COAST TIME (sec)	RUN OUT (RADIAL)		RUN OUT (LATERAL)		COMMENTS
S.	4/15/02			ES	400	400	15	98	122						15 Sec. Warm-up
0.					400		0								
1.	4/15/02	0830	0835	ES	400	400	70	98	122	24.40	L .003	H .003	L .000	H .003	OK
2.					400		70								
3.					400		70								
4.					400		70								
5.					400		70								
6.					400		70								
7.					400		70								
8.					400		70								
9.					400		70								
10.					400		70								
11.					400		70								
12.					400		70								
13.					400		70								
14.					400		70								
15.					400		70								
16.					400		70								
17.					400		70								
18.					400		70								
19.					400		70								
20.					400		70								
21.					400		70								
22.					400		70								
23.					400		70								
24.					400		70								
25.	4/15/02	0844	0849	ES	400		70	98	154	17.08	L .002	H .003	L .003	H .004	OK

TECHNICIAN : E. Stephens

DATE COMPLETED : 4/15/02



# St.Barsabas Inc.

## L1-803

PART NO. ORANGE / NO BEARING      TEST NO. STB1-1194      MATERIAL PLASTIC

	DATE	START TIME	END TIME	TECH	TEST LOAD (LBS)	ACTUAL LOAD (LBS)	SPEED (MPH)	AMBIENT (°F)	INFRARED (°F)	COAST TIME (sec)	RUN OUT (RADIAL)	RUN OUT (LATERAL)	COMMENTS		
26.					400		70								
27.					400		70								
28.					400		70								
29.					400		70								
30.					400		70								
31.					400		70								
32.					400		70								
33.					400		70								
34.					400		70								
35.					400		70								
36.					400		70								
37.					400		70								
38.					400		70								
39.					400		70								
40.					400		70								
41.					400		70								
42.					400		70								
43.					400		70								
44.					400		70								
45.					400		70								
46.					400		70								
47.					400		70								
48.					400		70								
49.					400		70								
50.	4/15/02	0858	0903	ES	400	400	70	98	151	21.75	L .004	H .002	L .002	H .002	OK



# St.Barsabas Inc.

## L1-803

PART NO. ORANGE / NO BEARING TEST NO. STB1-1194 MATERIAL PLASTIC

	DATE	START TIME	END TIME	TECH	TEST LOAD (LBS)	ACTUAL LOAD (LBS)	SPEED (MPH)	AMBIENT (°F)	INFRARED (°F)	COAST TIME (sec)	RUN OUT (RADIAL)		RUN OUT (LATERAL)		COMMENTS
51.					400		70								
52.					400		70								
53.					400		70								
54.					400		70								
55.					400		70								
56.					400		70								
57.					400		70								
58.					400		70								
59.					400		70								
60.					400		70								
61.					400		70								
62.					400		70								
63.					400		70								
64.					400		70								
65.					400		70								
66.					400		70								
67.					400		70								
68.					400		70								
69.					400		70								
70.					400		70								
71.					400		70								
72.					400		70								
73.					400		70								
74.					400		70								
75.	4/15/02	0912	0917	ES	400	400	70	98	157	18.09	L .004	H .007	L .005	H .007	Bearing getting loose.



# St.Barsabas Inc.

## L1-803

TEST NO. **STB1-1194**

MATERIAL **PLASTIC**

	DATE	START TIME	END TIME	TECH	TEST LOAD (LBS)	ACTUAL LOAD (LBS)	SPEED (MPH)	AMBIENT (°F)	INFRARED (°F)	COAST TIME (sec)	RUN OUT (RADIAL)		RUN OUT (LATERAL)		COMMENTS
76.					400		70								
77.					400		70								
78.					400		70								
79.					400		70								
80.					400		70								
81.					400		70								
82.					400		70								
83.					400		70								
84.					400		70								
85.					400		70								
86.					400		70								
87.					400		70								
88.					400		70								
89.					400		70								
90.					400		70								
91.					400		70								
92.					400		70								
93.					400		70								
94.					400		70								<b>FAILURE:</b>
95.					400		70								<b>Cracking inside Hub</b>
96.					400		70								<b>where bearing seats. As</b>
97.					400		70								<b>a result they will not stay</b>
98.					400		70								<b>assembled inside wheel.</b>
99.					400		70								<b>100 Impacts at 70 MPH</b>
100.	4/15/02	0926	0931	ES	400	400	70	98	158	13.30	L .002	H .006	L .005	H .006	<b>400 lb. Load</b>