

AC Recondition Repair Report

3M-Main Plant (10001) 310 Walter Road Little Rock, AR 72216 FolderID: 97226 FormID: 9741265

Gener	al			
1.	Job Number	97726		
2.	Report Date			
3.	Customer	3M		
Name	Plate Information		O	
4.	Manufacturer	MARATHON	P	5













5.	Model	6K405TSTFS402AN-F2W	
6.	Serial Number	MB795580-9/13-03	
7.	Horsepower	100	
8.	KW		
9.	Volts	230460	
10.	Amps		
11.	RPM	1780	
12.	Frame	405TSC	
13.	Enclosure	TEFC	
14.	Cycles	60	
15.	Phase		

10. Service Facturi 17. Motor Mount Position Initial Inspection 18. Number of Leads 19. Lead Length 20. Lead Size 21. Lead Condition 22. Lead Markings 23. Lug Size, Condition, and Type 24. Winding RtD's Condition 25. Winding RtD's Condition 26. Shaft Run Out 27. Does Shaft Twe Visible Damage 28. Bearing Rtd's Condition 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition 34. Broken or missing components Initial Electric Test 35. Resistance to Ground 36. Winding Resistance 1-2 37. Winding Resistance 1-2 38. Winding Resistance 1-2 39. Resistance 1-2 31. Conduition 32. Resistance 1-2 33. Resistance 1-2 33. Resistance 1-2 34. Broken or missing components Initial Electric Test 35. Resistance 1-2 36. Winding Resistance 1-2 37. Winding Resistance 1-2 38. Resistance	10	Service Factor
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57. Insulated Bearing 58. Lubrication Type	55.	Bearing ODE Type
58. Lubrication Type	56.	ODE Bearing Qty.
	57.	Insulated Bearing
59. Grease Condition	58.	Lubrication Type
	59.	Grease Condition

60.	Bearing Retainers	
61.	Shaft Grounding Device	
62.	DE Seal	
63.	DE Seal Type/Size	
64.	ODE Seal	
65.	ODE Seal Type/Size	
Root C	ause of Failure	
66.	Component Failure	leads
67.	Cause of Failure	
	Customer request changing leads from 3 to 6 leads	
68.	Comments	
69.	Service Technician	Terrence Holland
/	Tommer Holland	
Machi	ne Fit Inspection Report	
70.	Shaft Run Out	

Machir	he Fit inspection Report
70.	Shaft Run Out
71.	Initial Shaft Run Out
72.	Final Shaft Run Out
73.	DE Bearing Shaft Fit
74.	DE Initial Shaft Bearing Fit Size 1
75.	DE Initial Shaft Bearing Fit Size 2
76.	DE Initial Shaft Bearing Fit Size 3
77.	DE Finial Shaft Bearing Fit Size 1
78.	DE Finial Shaft Bearing Fit Size 2
79.	DE Finial Shaft Bearing Fit Size 3
80.	ODE Bearing Shaft Fit
81.	ODE Initial Shaft Bearing Fit Size 1
82.	ODE Initial Shaft Bearing Fit Size 2
83.	ODE Initial Shaft Bearing Fit Size 3
84.	ODE Finial Shaft Bearing Fit Size 1
85.	ODE Finial Shaft Bearing Fit Size 2
86.	ODE Finial Shaft Bearing Fit Size 3
87.	DE Air Seal Shaft Fit
88.	DE Initial Air Seal Shaft Size
89.	DE Final Air Seal Shaft Size
90.	ODE Air Seal Shaft Fit
91.	ODE Initial Air Seal Shaft Size
92.	ODE Final Air Seal Shaft Size
93.	DE Endbell Fit
94.	DE Initial Endbell Fit Size 1
95.	DE Initial Endbell Fit Size 2
96.	DE Initial Endbell Fit Size 3
97.	DE Final Endbell Fit Size 1
98.	DE Finial Endbell Fit Size 2

99. DE Final Endbell Fit Size 3

	DE Endbell Fit Insulated
	DE Endbell Air Seal Fit
	Initial Endbell Air Seal Fit Size
103.	Finial Endbell Air Seal Fit Size
104.	ODE Endbell Fit
105.	ODE Initial Endbell Fit Size 1
106.	ODE Initial Endbell Fit Size 2
107.	ODE Initial Endbell Fit Size 3
108.	ODE Final Endbell Fit Size 1
109.	ODE Final Endbell Fit Size 2
110.	ODE Final Endbell Fit Size 3
111.	ODE Endbell Fit Insulated
112.	ODE Endbell Air Seal Fit
113.	ODE Initial Endbell Seal Fit Size
114.	ODE Finial Endbell Seal Fit Size
115.	Foot Flatness
116.	Foot Condition
117.	Flange Condition
118.	Service Technician
Balanc	ing Report
119.	Balance Type
120.	Balance Operating Speed
121.	Start Left End
122.	Start Right End
123.	Balancing Specification
124.	Finish Left End
125.	Finish Right End
126.	Service Technician
Assem	bly and Final Test
127.	Meggar Testing Reading
128.	Surge Test
129.	Hi-Pot
130.	Winding Resistance 1-2
131.	Winding Resistance 2-3
132.	Winding Resistance 1-3
133.	Test Run Voltage Phase A
134.	Test Run Amps A
135.	Test Run Voltage Phase B
136.	Test Run Amps B
137.	Test Run Voltage Phase C
138.	Test Run Amps C
139.	DE Horizontal Vibration Reading
140.	DE Vertical Vibration Reading
141.	DE Axial Vibration Reading
142.	ODE Horizontal Vibration Reading
143.	ODE Vertical Vibration Reading
144.	ODE Axial Vibration Reading
145.	Ambient Temp at start of Test Run

146.	Temp at 5 minutes
147.	Temp at 10 minutes
148.	Temp at 15 minutes
149.	Temp at 20 minutes
150.	Temp at 25 minutes
151.	Temp at 30 minutes
152.	Temp at 35 minutes
153.	Temp at 40 minutes
154.	Temp at 45 minutes
155.	Temp at 50 minutes
156.	Temp at 55 minutes
157.	Temp at 60 minutes
158.	Motor Paint
159.	Service Technician