



## AC Recondition Repair Report

FolderID: 99132  
FormID: 12413094

**Kimberly Clark (10176-KCM)**  
500 Murphy Dr.  
Maumelle, AR 72113

Priorities Found: ● 2 - High ● 12 - Good

### General

1. Job Number	99132
2. Report Date	12/22/2021
3. Customer	Kimberly Clark
Paris TX	

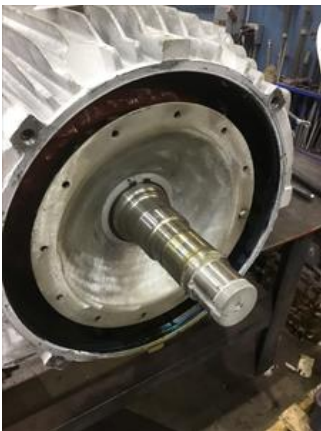
### Name Plate Information



4. Manufacturer	TATUNG	P5
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














5. Model	<b>WH1004FFA</b>
6. Serial Number	<b>165081012</b>
7. Horsepower	<b>100</b>
8. KW	
9. Volts	<b>460</b>
10. Amps	<b>120</b>
11. RPM	<b>1775</b>
12. Frame	<b>405T</b>
13. Enclosure	<b>TEFC</b>
14. Cycles	<b>60</b>
15. Phase	<b>3</b>

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16.	Service Factor	1.15	
17.	Motor Mount Position		
<b>Initial Inspection</b>			
18.	Number of Leads	9	
19.	Lead Length	11 Inches	
20.	Lead Size		
	21. Lead Condition	(P) Pass	P42
			
22.	Lead Markings	T1-T9	P51
			
23.	Lug Size, Condition, and Type		P67
			
24.	Winding RTD's		
25.	Winding Rtd's Condition		

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26.	Shaft Run Out		
27.	Does Shaft Turn Freely	no	
28.	Does Shaft Have Visible Damage	no	P94
<div>   </div>			
<div>  </div>			
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination		
● 32.	Frame Condition	(P) Pass	P106
<div>  </div>			
● 33.	Fan Condition	(P) Pass	P109

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34. Broken or missing components

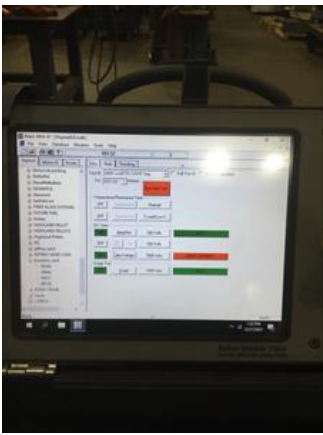
## Initial Electric Test



35. Resistance to Ground

Mohm

P7



36. Winding Resistance 1-2

37. Winding Resistance 2-3

38. Winding Resistance 1-3

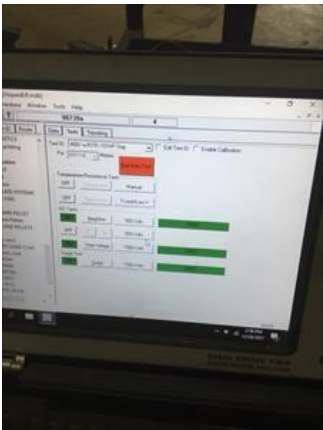
39. Resistive Imbalance

40. Hi-Pot

● 41. Surge Test

(P) Pass

P58





42. Stator Condition

pass

P65



43. Failure Location

### Initial Rotor Inspection



44. Rotor Type

squirrel cage laminate

P4



45. Air Gap <10% Variation

46. Number of Rotor Bars

47. Number of Broken Rotor Bars

48. Growler Test

● 49. Rotor Condition

(P) Pass

### Mechanical Inspection








50. Bearing Manufacture

P1



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51. Bearing DE Size	6318	
52. Bearing DE Type	regular ball bearing	
53. DE Bearing Qty.	1	
54. Bearing ODE Size		P43
		
55. Bearing ODE Type	regular ball bearing	P53
 		
56. ODE Bearing Qty.	1	
57. Insulated Bearing	no	
58. Lubrication Type	grease	
59. Grease Condition	(F) Fail	P74
 		
<div> <div></div> <div>Contaminated grease</div> </div>		

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60. Bearing Retainers (Y) Yes P80



61. Shaft Grounding Device (NA) Not Applicable
62. DE Seal
63. DE Seal Type/Size
64. ODE Seal
65. ODE Seal Type/Size

#### Root Cause of Failure



66. Component Failure drive end bearing P2

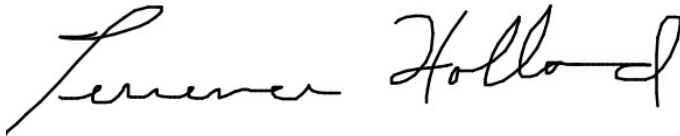


67. Cause of Failure  
Cause of failure is undetermined.

68. Comments  
*Re-sleeve d.e housing fit. Stator windings check good.*

69. Service Technician

Terrence. Holland



### Machine Fit Inspection Report



70. Shaft Run Out

71. Initial Shaft Run Out

72. Final Shaft Run Out

73. DE Bearing Shaft Fit (P) Pass

74. DE Initial Shaft Bearing Fit Size 1 3.5443 "

75. DE Initial Shaft Bearing Fit Size 2 3.5444 "

76. DE Initial Shaft Bearing Fit Size 3 3.5444 "

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 (P) Pass

81. ODE Initial Shaft Bearing Fit Size 1 2.5596 "

82. ODE Initial Shaft Bearing Fit Size 2 2.5594 "

83. ODE Initial Shaft Bearing Fit Size 3 2.5594 "

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 (F) Fail P129

 *Housing fit pitted*



94. DE Initial Endbell Fit Size 1

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95.	DE Initial Endbell Fit Size 2	
96.	DE Initial Endbell Fit Size 3	
97.	DE Final Endbell Fit Size 1	
98.	DE Final Endbell Fit Size 2	
99.	DE Final Endbell Fit Size 3	
100.	DE Endbell Fit Insulated	
101.	DE Endbell Air Seal Fit	
102.	Initial Endbell Air Seal Fit Size	
103.	Final Endbell Air Seal Fit Size	
● 104.	ODE Endbell Fit	(P) Pass
105.	ODE Initial Endbell Fit Size 1	5.5125 "
106.	ODE Initial Endbell Fit Size 2	5.5125 "
107.	ODE Initial Endbell Fit Size 3	5.5124 "
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	(NA) Not Applicable
112.	ODE Endbell Air Seal Fit	
113.	ODE Initial Endbell Seal Fit Size	
114.	ODE Final Endbell Seal Fit Size	
● 115.	Foot Flatness	(P) Pass
● 116.	Foot Condition	(P) Pass
● 117.	Flange Condition	(NA) Not Applicable
118.	Service Technician	Terrence. Holland
		

### Balancing 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

### Assembly and Final Test

127.	Megger 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

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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