



Hi-Speed Industrial Service
7030 Ryburn Dr
Millington, Tn 38053
901-873-5300

AC Recondition Repair Report

FolderID: 98547
FormID: 11268994

Peco Foods

625 S. Allen Street
Batesville, AR 72501

Priorities Found: ● 12 - Good

General

1. Job Number	98547
2. Report Date	08/03/2021
3. Customer	12476

Name Plate Information



4. Manufacturer	BALDOR	P5
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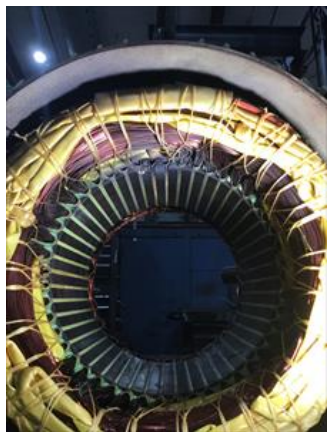




5. Model	
6. Serial Number	C2102160362
7. Horsepower	40
8. KW	
9. Volts	460
10. Amps	96
11. RPM	1775
12. Frame	324TC
13. Enclosure	TEFC
14. Cycles	
15. Phase	3
16. Service Factor	1.15
17. Motor Mount Position	
Initial Inspection	
18. Number of Leads	
19. Lead Length	
20. Lead Size	
21. Lead Condition	
22. Lead Markings	
23. Lug Size, Condition, and Type	
24. Winding RTD's	
25. Winding Rtd's Condition	
26. Shaft Run Out	

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27.	Does Shaft Turn Freely		
28.	Does Shaft Have Visible Damage		
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination		
32.	Frame Condition		
● 33.	Fan Condition	(P) Pass	P109
<div>    </div>			
34.	Broken or missing components		
Initial Electric Test			
35.	Resistance to Ground		
36.	Winding Resistance 1-2		
37.	Winding Resistance 2-3		
38.	Winding Resistance 1-3		
39.	Resistive Imbalance		
40.	Hi-Pot		
41.	Surge Test		
42.	Stator Condition		



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

Mechanical Inspection



50. Bearing Manufacture

FAG

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51. Bearing DE Size

6312-B-C3

P15



52. Bearing DE Type

regular ball bearing

53. DE Bearing Qty.

1

54. Bearing ODE Size

6311/C3

P43



55. Bearing ODE Type

regular ball bearing

56. ODE Bearing Qty.

1

57. Insulated Bearing

no

58. Lubrication Type

grease

● 59. Grease Condition

(P) Pass

● 60. Bearing Retainers

(Y) Yes

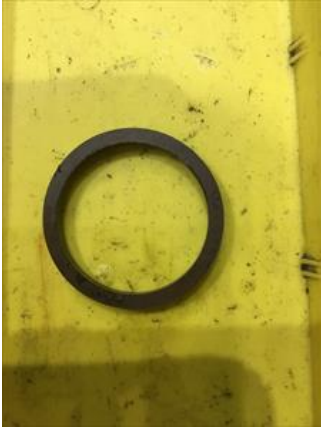
P80



61. Shaft Grounding Device

(NA) Not Applicable

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63. DE Seal Type/Size

P90



64. ODE Seal

(NA) Not Applicable

65. ODE Seal Type/Size

Root Cause of Failure

66. Component Failure

windings

67. Cause of Failure

Windings shorted in slot

68. Comments

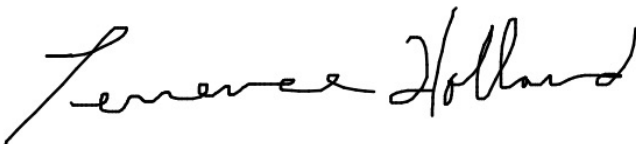
69. Service Technician

Terrence. Holland

Machine Fit Inspection Report

70. Shaft Run Out	(P) Pass
71. Initial Shaft Run Out	0.002 "
72. Final Shaft Run Out	
73. DE Bearing Shaft Fit	(P) Pass
74. DE Initial Shaft Bearing Fit Size 1	2.3624 "
75. DE Initial Shaft Bearing Fit Size 2	2.3623 "
76. DE Initial Shaft Bearing Fit Size 3	2.3623 "

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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	2.1654 "
82.	ODE Initial Shaft Bearing Fit Size 2	2.1656 "
83.	ODE Initial Shaft Bearing Fit Size 3	2.1655 "
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	(P) Pass
94.	DE Initial Endbell Fit Size 1	5.119 "
95.	DE Initial Endbell Fit Size 2	5.119 "
96.	DE Initial Endbell Fit Size 3	5.1191 "
97.	DE Final Endbell Fit Size 1	
98.	DE Finial Endbell Fit Size 2	
99.	DE Final Endbell Fit Size 3	
100.	DE Endbell Fit Insulated	(NA) Not Applicable
101.	DE Endbell Air Seal Fit	
102.	Initial Endbell Air Seal Fit Size	
103.	Finial Endbell Air Seal Fit Size	
104.	ODE Endbell Fit	(P) Pass
105.	ODE Initial Endbell Fit Size 1	4.7249 "
106.	ODE Initial Endbell Fit Size 2	4.725 "
107.	ODE Initial Endbell Fit Size 3	4.725 "
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 Finial 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

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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.	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