

AC Recondition Repair Report

Peco Foods

Hwy 67 Pocahontas, AR 72455

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

FolderID: 97936 FormID: 10154219

Priorities Found: 🔵 2 - High	13 - Good	
General		
1. Job Number	97936	
2. Report Date	03/04/2021	
3. Customer	PECO FOODS	
Name Plate Information		O
4. Manufacturer	U.S. MOTORS	P5























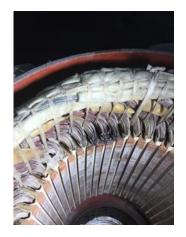














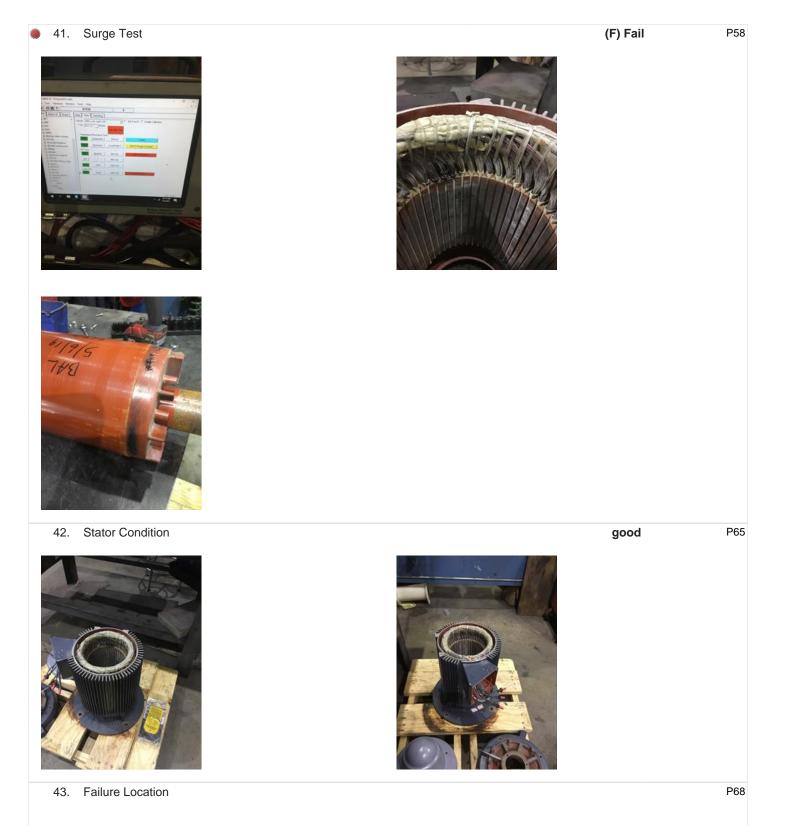


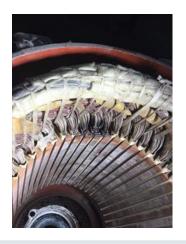




5.	Model	FG25 J	
6.	Serial Number	CAT# H025 V2BLG	
7.	Horsepower	25	
8.	KW		
9.	Volts	460	
10.	Amps	29.2	
11.	RPM	1775	
12.	Frame	284TPH	
13.	Enclosure	WP1	
14.	Cycles	60	
15.	Phase	3	
16.	Service Factor	1.15	
17.	Motor Mount Position		
Initial I	nspection	(a)	
18.	Number of Leads	9	
19.	Lead Length	10 Inches	
20.	Lead Size		
21.	Lead Condition	(P) Pass	
22.	Lead Markings	1-9	
23.	Lug Size, Condition, and Type		
24.	Winding RTD's		
25.	Winding Rtd's Condition		
26.	Shaft Run Out		

27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination Yes 32. Frame Condition (P) Pass P106 Image: State Condition (NA) Not Applicable 3. Broken or missing components Initial Electric Test Image: State Condudition 36. Winding Resistance 1-2 37. Winding Resistance 1-2 38. Winding Resistance 1-3 Ohm's 39. Resister Imbalance %				
29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination Yes 32. Frame Condition (P) Pass P106 Image: State	27.	Does Shaft Turn Freely		
30. Bearing Rtd's Condition 31. Contamination Yes 32. Frame Condition (P) Pass P106 Image: Provide the state of the state	28.	Does Shaft Have Visible Damage		
31. Contamination Yes 32. Frame Condition (P) Pass P106 Image: State of Condition (NA) Not Applicable 33. Fan Condition (NA) Not Applicable 34. Broken or missing components Image: State of Condition Initial Electric Test Image: State of Condition 35. Resistance to Ground Image: State of Condition 36. Winding Resistance 1-2 Image: State of Condition 37. Winding Resistance 1-2 Image: State of Condition 38. Winding Resistance 1-3 Ohrn's 39. Resistive Imbalance %	29.	Bearing Rtd's		
Yes (P) Pass P106 32. Frame Condition (P) Pass P106 Image: State of Condition Image: State of Condition Image: State of Condition 33. Fan Condition (NA) Not Applicable Image: State of Condition 34. Broken or missing components Image: State of Condition Image: State of Condition 35. Resistance to Ground State of Condition Image: State of Condition 36. Winding Resistance 1-2 Image: State of Condition Image: State of Condition 38. Winding Resistance 1-3 Ohm's Image: State of Condition 39. Resistive Imbalance % Image: State of Condition	30.	Bearing Rtd's Condition		
32. Frame Condition (P) Pass P106 Image: Second	31.	Contamination		
33. Fan Condition (NA) Not Applicable 34. Broken or missing components (NA) Not Applicable 15. Resistance to Ground (NA) Not Applicable 35. Resistance to Ground (Inding Resistance 1-2) 37. Winding Resistance 1-2 (Inding Resistance 1-3) 38. Winding Resistance 1-3 Ohm's 39. Resistive Imbalance %		Yes		
33. Fan Condition (NA) Not Applicable 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 1-2 39. Resistive Imbalance	32.	Frame Condition	(P) Pass	P106
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 Ohm's 39. Resistive Imbalance				
Initial Electric Test35. Resistance to Ground36. Winding Resistance 1-237. Winding Resistance 2-338. Winding Resistance 1-3Ohm's39. Resistive Imbalance%	33.	Fan Condition	(NA) Not Applicable	
35. Resistance to Ground36. Winding Resistance 1-237. Winding Resistance 2-338. Winding Resistance 1-3Ohm's39. Resistive Imbalance%	34.	Broken or missing components		
36. Winding Resistance 1-237. Winding Resistance 2-338. Winding Resistance 1-339. Resistive Imbalance%	Initial	Electric Test	0	
37. Winding Resistance 2-338. Winding Resistance 1-3Ohm's39. Resistive Imbalance%	35.	Resistance to Ground		
38. Winding Resistance 1-3Ohm's39. Resistive Imbalance%	36.	Winding Resistance 1-2		
39. Resistive Imbalance %	37.	Winding Resistance 2-3		
	38.	Winding Resistance 1-3	Ohm's	
40 Hi-Pot	39.	Resistive Imbalance	%	
	40.	Hi-Pot		





Initial Rotor Inspection

44. Rotor Type







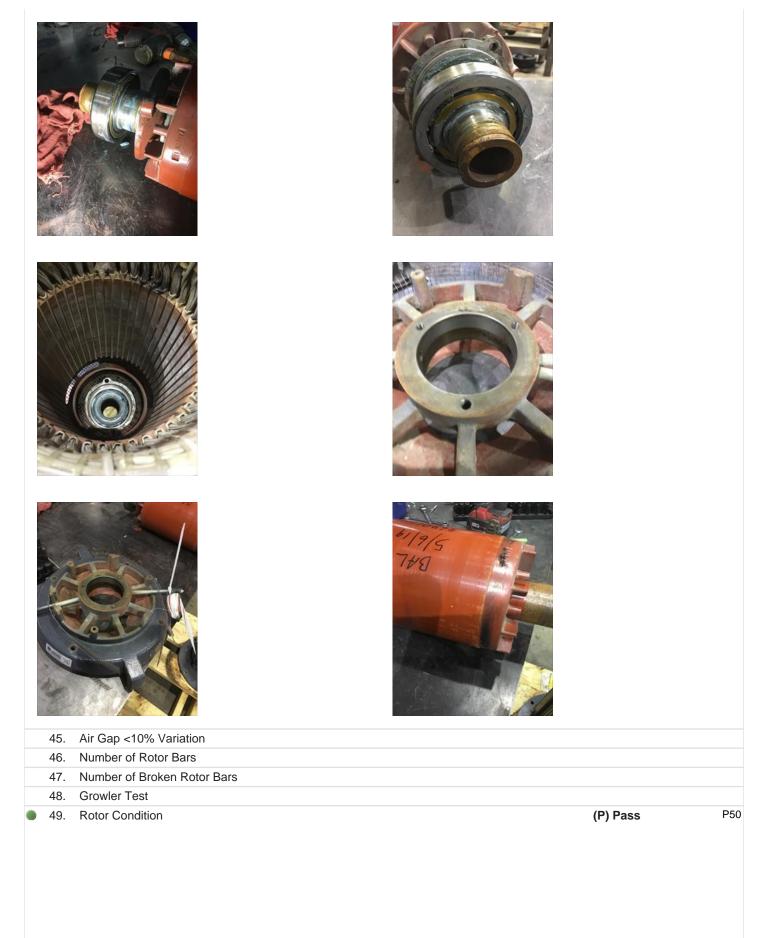


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P4

squirrel cage hollow shaft





Mechanical Inspection





	7310-B-XL-MP-UA	51. Bearing DE Size	51.
	thrust	52. Bearing DE Type	52.
	1	53. DE Bearing Qty.	53.
P43	6210 2Z	54. Bearing ODE Size	54.



55.	Bearing ODE Type	Koyo: regular ball bearing	
56.	ODE Bearing Qty.	1	
57.	Insulated Bearing	no	
58.	Lubrication Type	grease	

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P1

FAG

5 9.	Grease Condition	(F) Fail
	Watery/dirty	
10 million (100		
Pa	We have a set of the s	
	1 Alexandree and the second se	
	Contraction and Contraction	
1	and an	
No.		
	Star - F PK	
60. 61.	Bearing Retainers Shaft Grounding Device	(Y) Yes (Y) Yes
01.	Aegis ring	(1) 105
62.	DE Seal	(NA) Not Applicable
63.	DE Seal Type/Size	
64.	ODE Seal	
65.	ODE Seal Type/Size	
Root C	Cause of Failure	
66.	Component Failure	windings
67.	Cause of Failure	
	Coil to coil short	
68.	Comments	
	Comments Windings tested bad. Coil to coil short. Bearing grea	
68. 69.	Comments	se contaminated with water and dirt. Terrence. Holland
	Comments Windings tested bad. Coil to coil short. Bearing grea	
	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician	Terrence. Holland
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69. Machin 70. 71. 72.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Merit Inspection Report Shaft Run Out Initial Shaft Run Out Final Shaft Run Out	Terrence. Holland
69. Machin 70. 71. 72. 73.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Me Fit Inspection Report Shaft Run Out Initial Shaft Run Out Final Shaft Run Out DE Bearing Shaft Fit	Terrence. Holland
69. Machin 70. 71. 72. 73. 74.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Merit Inspection Report Shaft Run Out Initial Shaft Run Out Final Shaft Run Out DE Bearing Shaft Fit DE Initial Shaft Bearing Fit Size 1	Terrence. Holland
69. Machin 70. 71. 72. 73. 74. 75.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Merit Inspection Report Shaft Run Out Initial Shaft Run Out Final Shaft Run Out DE Bearing Shaft Fit DE Initial Shaft Bearing Fit Size 1 DE Initial Shaft Bearing Fit Size 2	Terrence. Holland
69. Machin 70. 71. 72. 73. 74. 75. 76.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Me Fit Inspection Report Shaft Run Out Initial Shaft Run Out Final Shaft Run Out DE Bearing Shaft Fit DE Initial Shaft Bearing Fit Size 1 DE Initial Shaft Bearing Fit Size 2 DE Initial Shaft Bearing Fit Size 3	Terrence. Holland
69. Machin 70. 71. 72. 73. 74. 75. 76. 77.	Comments Windings tested bad. Coil to coil short. Bearing great Service Technician Market Service Technician Coll to coil short. Bearing great Market Service Technician Market Service Technician Market Service Technician Market Service Technician Market Service Technician Service Technician Service Technician Market Service Technician Service Technician Service Technician Service Technician Service Technician Service Technician Service Technician Service Technician Service Technician Market Service Technician Service Technician Service Technician Market Service Technician Service Technician Market Service Technician Service Technician Market Service Technician Service Technician Service Technician Market Service Technician Service Technician Market Service Technician Service Technician Ser	Terrence. Holland
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83	. ODE Initial Shaft Bearing Fit Size 3	1.969 "	
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			
• 93	DE Endbell Fit	(P) Pass	P129
94	. DE Initial Endbell Fit Size 1	4.3307 "	
95	. DE Initial Endbell Fit Size 2	4.3309 "	
96	. DE Initial Endbell Fit Size 3	4.3309 "	
97	. DE Final Endbell Fit Size 1		
98	. DE Finial Endbell Fit Size 2		
99	. DE Final Endbell Fit Size 3		
100	D. DE Endbell Fit Insulated		
101	1. DE Endbell Air Seal Fit		
102			
	3. Finial Endbell Air Seal Fit Size		
	4. ODE Endbell Fit	(P) Pass	P145

106.	ODE Initial Endbell Fit Size 2	3.534 "
107.	ODE Initial Endbell Fit Size 3	3.534 "
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	(NA) Not Applicable
116.	Foot Condition	(NA) Not Applicable
117.	Flange Condition	(P) Pass
118.	Service Technician	Terrence Holland

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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
	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
	Winding Resistance 2-3
132.	Winding Resistance 1-3
133.	Test Run Voltage Phase A
	Test Run Amps A
135.	Test Run Voltage Phase B
	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
	DE Axial Vibration Reading
	ODE Horizontal Vibration Reading
	ODE Vertical Vibration Reading
	ODE Axial Vibration Reading
	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