



## AC Recondition Repair Report

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AMERON PROTECTIVE COATINGS  
(11114)

11605 VIMY RIDGE ROAD  
ALEXANDER, AR 72002

Priorities Found: ● 2 - High ● 5 - Good

### General

1. Job Number	98350
2. Report Date	06/18/2021
3. Customer	AMERON/PPG

### Name Plate Information



4. Manufacturer

P5














5.	Model	
6.	Serial Number	
7.	Horsepower	40 HP
8.	KW	
9.	Volts	460
10.	Amps	
11.	RPM	1800 RPM
12.	Frame	364U
13.	Enclosure	TEFC
14.	Cycles	60
15.	Phase	3
16.	Service Factor	
17.	Motor Mount Position	
<b>Initial Inspection</b>		
18.	Number of Leads	3
19.	Lead Length	7 Inches
20.	Lead Size	
● 21.	Lead Condition	(P) Pass
22.	Lead Markings	
23.	Lug Size, Condition, and Type	
24.	Winding RTD's	
25.	Winding Rtd's Condition	
26.	Shaft Run Out	0.001

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27.	Does Shaft Turn Freely	yes	
28.	Does Shaft Have Visible Damage	no	
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination		
32.	Frame Condition		
33.	Fan Condition		
34.	Broken or missing components		
<b>Initial Electric Test</b>			
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		P58
			
42.	Stator Condition		
43.	Failure Location		
<b>Initial Rotor Inspection</b>			
44.	Rotor Type		
45.	Air Gap <10% Variation		
46.	Number of Rotor Bars		
47.	Number of Broken Rotor Bars		

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48. Growler Test		
49. Rotor Condition		
<b>Mechanical Inspection</b>		
50. Bearing Manufacture		P1
		
51. Bearing DE Size		
52. Bearing DE Type		P23
		
53. DE Bearing Qty.		
54. Bearing ODE Size		
55. Bearing ODE Type		P53
 		
56. ODE Bearing Qty.		1
57. Insulated Bearing		no

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58.	Lubrication Type	grease
59.	Grease Condition	(F) Fail
	<i>Dirty</i>	
60.	Bearing Retainers	(Y) Yes
61.	Shaft Grounding Device	(NA) Not Applicable
62.	DE Seal	(NA) Not Applicable
63.	DE Seal Type/Size	
64.	ODE Seal	
65.	ODE Seal Type/Size	
<b>Root Cause of Failure</b>		
66.	Component Failure	bearing grease contaminated/d.e. housing fit bad
67.	Cause of Failure	<i>Grease contaminated.</i>
68.	Comments	
69.	Service Technician	Terrence. Holland
		
<b>Machine Fit Inspection Report</b>		
70.	Shaft Run Out	(P) Pass
71.	Initial Shaft Run Out	0.001 "
72.	Final Shaft Run Out	
73.	DE Bearing Shaft Fit	(P) Pass
74.	DE Initial Shaft Bearing Fit Size 1	2.5593 "
75.	DE Initial Shaft Bearing Fit Size 2	2.559 "
76.	DE Initial Shaft Bearing Fit Size 3	2.5592 "
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	1.9687 "
82.	ODE Initial Shaft Bearing Fit Size 2	1.9686 "
83.	ODE Initial Shaft Bearing Fit Size 3	1.9687 "
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
94.	DE Initial Endbell Fit Size 1	5.513 "

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95.	DE Initial Endbell Fit Size 2	5.5131 "
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	
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 Final Endbell Seal Fit Size	
115.	Foot Flatness	
116.	Foot Condition	
117.	Flange Condition	
118.	Service Technician	
<b>Balancing Report</b>		
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	
<b>Assembly and Final Test</b>		
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	
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	

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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