

AC Recondition Repair Report

Union Pacific-Vine St 10945

1020 N. Vine Street North Liittle Rock, AR

Priorities Found: **1 - Good**

General		
1.	Job Number	100556
2.	Report Date	11/11/2022
3.	Customer	Union Pacific
Name Plate Information		

4. Manufacturer









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5.	Model
6.	Serial Number
7.	Horsepower
8.	KW
9.	Volts
10.	Amps
11.	RPM
12.	Frame
13.	Enclosure
14.	Cycles
15.	Phase

16.	Service Factor				
17.	Motor Mount Position	Eddy Current Clutch			
Initial I	Inspection				
	Number of Leads				
	Lead Length				
	Lead Size				
	Lead Condition				
	Lead Markings				
23.	Lug Size, Condition, and Type				
24.	Winding RTD's				
25.	Winding Rtd's Condition				
26.	Shaft Run Out				
27.	Does Shaft Turn Freely				
	Does Shaft Have Visible Damage				
29.	Bearing Rtd's				
30.	Bearing Rtd's Condition				
31.	Contamination				
32.	Frame Condition				
33.	Fan Condition				
34.	Broken or missing components				
Initial E	lectric 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				
43.	Failure Location				
Initial F	Rotor Inspection				
44.	Rotor Type				
45.	Air Gap <10% Variation				
46.	Number of Rotor Bars				
47.	Number of Broken Rotor Bars				
48.	Growler Test				
49.	Rotor Condition				
Mechai	nical Inspection				
50.	Bearing Manufacture				
51.	Bearing DE Size				
52.	Bearing DE Type				
53.	DE Bearing Qty.				
54.	Bearing ODE Size				
55.	Bearing ODE Type				
56.	ODE Bearing Qty.				
57.	Insulated Bearing				
58.	Lubrication Type				
59.	Grease Condition				

60	Pearing Detainers
60.	Bearing Retainers
61.	Shaft Grounding Device
62.	DE Seal
63.	DE Seal Type/Size
64.	ODE Seal
	ODE Seal Type/Size
Root C	ause of Failure
66.	Component Failure
67.	Cause of Failure
68.	Comments
69.	Service Technician
Machir	ne 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
100.	DE Endbell Fit Insulated
101.	DE Endbell Air Seal Fit
	Initial Endbell Air Seal Fit Size
_	Finial Endbell Air Seal Fit Size
	ODE Endbell Fit
	ODE Initial Endbell Fit Size 1
105.	

106. ODE Initial Endbell Fit Size 3 107. ODE Initial Endbell Fit Size 1 108. ODE Final Endbell Fit Size 3 110. ODE Final Endbell Fit Size 3 111. ODE Endbell Fit Insulated 112. ODE Endbell Fit Size 1 113. ODE Initial Endbell Seal Fit Size 114. ODE Final Endbell Fit Size 3 115. Foot Finale Endbell Seal Fit Size 116. Foot Finale Endbell Seal Fit Size 118. Savivos Technician Balancing Report 119. Balance Operating Speed 121. Start Left End 122. Start Right End 123. Balance Specification 124. Start Left End 125. Finisk Right End 126. Savivos Technician 127. Megar Testing Report 128. Savivos Technician 129. Start Right End 120. Salance Operating Speed 121. Start Left End 122. Start Right End 123. Start Right End 124. Finish Left End 125. Finisk Right End 126. Savivos Technician Assembly and Final Test 127. Megar Testing Reading 128. Hingh Resistance 1-3 130. Winding Resistance 1-3 131.		
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109. ODE Final Endbell Fit Size 2 110. ODE Endbell Fit Insize 3 111. ODE Endbell Air Seal Fit Size 112. ODE Endbell Air Seal Fit Size 113. ODE Initial Endbell Seal Fit Size 114. ODE Finial Endbell Seal Fit Size 115. Foot Chainess 116. Foot Condition 117. Finge Condition 118. Service Technician Balancing Report 120. Balance Opgeating Speed 121. Start Left End 122. Start Right End 123. Balancing Speedfication 124. Finish Left End 125. Finish Right End 126. Service Technician 127. Meggar Testing Reading 128. Surge Testing Reading 129. Winding Resistance 1-2 130. Winding Resistance 1-2 131. Winding Resistance 2-3 132. Winding Resistance 2-3 133. Test Run Voltage Phase A 134. Test Run Amps A 135. Test Run Voltage Phase A 136. Test Run Amps A 137. Test Run Voltage Phase A 138. Test Run Amps A 139. DE Horizontal Vibration Reading 140. DE Vertical Vibration Reading 141. DE Avial Vibration Reading	107.	ODE Initial Endbell Fit Size 3
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146. Temp at 5 minutes147. Temp at 10 minutes148. Temp at 15 minutes149. Temp at 20 minutes150. Temp at 25 minutes		
 147. Temp at 10 minutes 148. Temp at 15 minutes 149. Temp at 20 minutes 150. Temp at 25 minutes 		
148. Temp at 15 minutes 149. Temp at 20 minutes 150. Temp at 25 minutes		-
149. Temp at 20 minutes 150. Temp at 25 minutes		
150. Temp at 25 minutes		-
151. Temp at 30 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













(P) Pass

P136















159. Service Technician