



AC Recondition As Found

Altech Recycling

2601 Central Airport Road
North Little Rock, AR 72117

FolderID: 99628
FormID: 13285393

AC Recondition - Rev. 2

Location: SHOP

Serial Number: 201701204

Description: 1.45KW ITALVIBRAS 1800RPM
SHAKER

Hi-Speed Job Number: 99628

Manufacturer: Other

Product Number: MVS1 15/2000-S02

Serial Number: 201701204

HP/kW: 1.45 (kW)

RPM: 1800 (RPM)

Voltage: 230 / 460

Current: 4.6/2.3

Phase: Three

Hz: 60 (Hz)

Enclosure: TENV

J-box Included: Complete

Date Received: 04/08/2022

Repair Stage: Teardown Inspection

Priorities Found: ● 1 - High

● 1 - Good

Overall Condition



1. Report Date

2. Nameplate Picture

P18



3.	Describe the Overall Condition of the Equipment as Received		
4.	Distance from the end of the shaft to the Coupling/Sheave		
Initial Mechanical/Electrical			
● 5.	Does Shaft Turn Freely?		(Yes) Yes
6.	Does Shaft Have Visible Damage?		(No) No
7.	Assembled Shaft Runout		
8.	Assembled Shaft End Play		
9.	Air Gap Variation <10%		
10.	Lead Condition		
11.	Lead Length		6 Inches
12.	Stator Temperature Detector Rating and Function		
	Quantity	Rating	Quantity Passed
13.	Bearing Temperature Detector Rating and Function		
	Quantity	Rating	Quantity Passed
14.	Frame Condition		pass
15.	Fan Condition		(N) NA
16.	Heater Quantity, Ratings		
	Quantity	Volts/Watts	Pass/Fail
17.	Broken or Missing Components		none
Initial Electrical Inspection			
18.	Insulation Resistance/Megger		
19.	Winding Resistance		
	1-2	1-3	2-3
● 20.	Perform Surge Test		(F) Fail
	<i>Loose internal connection</i>		
21.	Stator Condition		pass
Mechanical Inspection			
22.	Drive End Bearing Number-		
23.	Drive End Bearing Qty.		
24.	Drive End Bearing Type		(Spherical) Spherical Roller Bearing
25.	Drive End Lubrication Type		
26.	Drive End Bearing Insulation or Grounding Device?		no
27.	Drive End Wavy Washer/Snap-Ring Other Retention Device?		
28.	Drive End Bearing Condition		pass
29.	Opposite Drive End Bearing Number-		
30.	Opposite Drive End Bearing Qty.		1
31.	Opposite Drive End Bearing Type		(Spherical) Spherical Roller Bearing
32.	Opposite Drive End Lubrication Type		
33.	Opposite Drive End Bearing Insulation or Grounding Device?		
34.	Opposite Drive End Wavy Washer/Snap-Ring Other Retention Device?		
35.	Opposite Drive End Bearing Condition		
36.	Drive End Seal		
37.	Opposite Drive End Seal		

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Rotor Inspection			
38.	Rotor Type/Material		(Squirrel Aluminum) Squirrel Cage Aluminum Die Cast
39.	Growler Test		(Pass) Pass
40.	Number of Rotor Bars		
41.	Rotor Condition		pass
42.	List the Parts needed for the Repair Below		
43.	Signature of Technician that Disassembled Motor		
Mechanical Fits- Rotor			
44.	Shaft Runout		
45.	Rotor Runout		
	Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing
46.	Coupling Fit Closest to Bearing Housing		
	0 Degrees	90 Degrees	120 Degrees
47.	Coupling Fit Closest to the end of the Shaft		
	0 Degrees	60 Degrees	120 Degrees
48.	Drive End Bearing Shaft Fit		
	0 Degrees	60 Degrees	120 Degrees
49.	Drive End Bearing Shaft Fit Condition		
50.	Opposite Drive End Bearing Shaft Fit		
	0 Degrees	60 Degrees	120 Degrees
51.	Opposite Drive End Bearing Shaft Fit Condition		
52.	Shaft Air Seal Fits		
	Drive End Air Seal	Opposite Drive End Air Seal	
Mechanical Fits- Bearing Housings			
53.	Drive End - Endbell Bearing Fit		
	0 Degrees	60 Degrees	120 Degrees
54.	Drive End - Endbell Bearing Fit Condition		
55.	Opposite Drive End - Endbell Bearing Fit		
	0 Degrees	60 Degrees	120 Degrees
56.	Opposite Drive End - Endbell Bearing Fit Condition		
57.	Bearing Cap Condition		
	Drive End Bearing Cap	Opposite Drive End Bearing Cap	
58.	End Bell Air Seal Fits		
	Drive End Air Seal	Opposite Drive End Air Seal	
59.	List Machine Work Needed Below		
	None: Customer requests rewind stator only.		

A handwritten signature in black ink, appearing to read "Terrence Holland", written over a horizontal line.