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

AC Recondition As Found

International Paper - Conway Graphics
730 Enterprise Ave
Conway, AR 72032

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AC Recondition - Rev. 2

Location:	Shop
Serial Number:	F1510085197

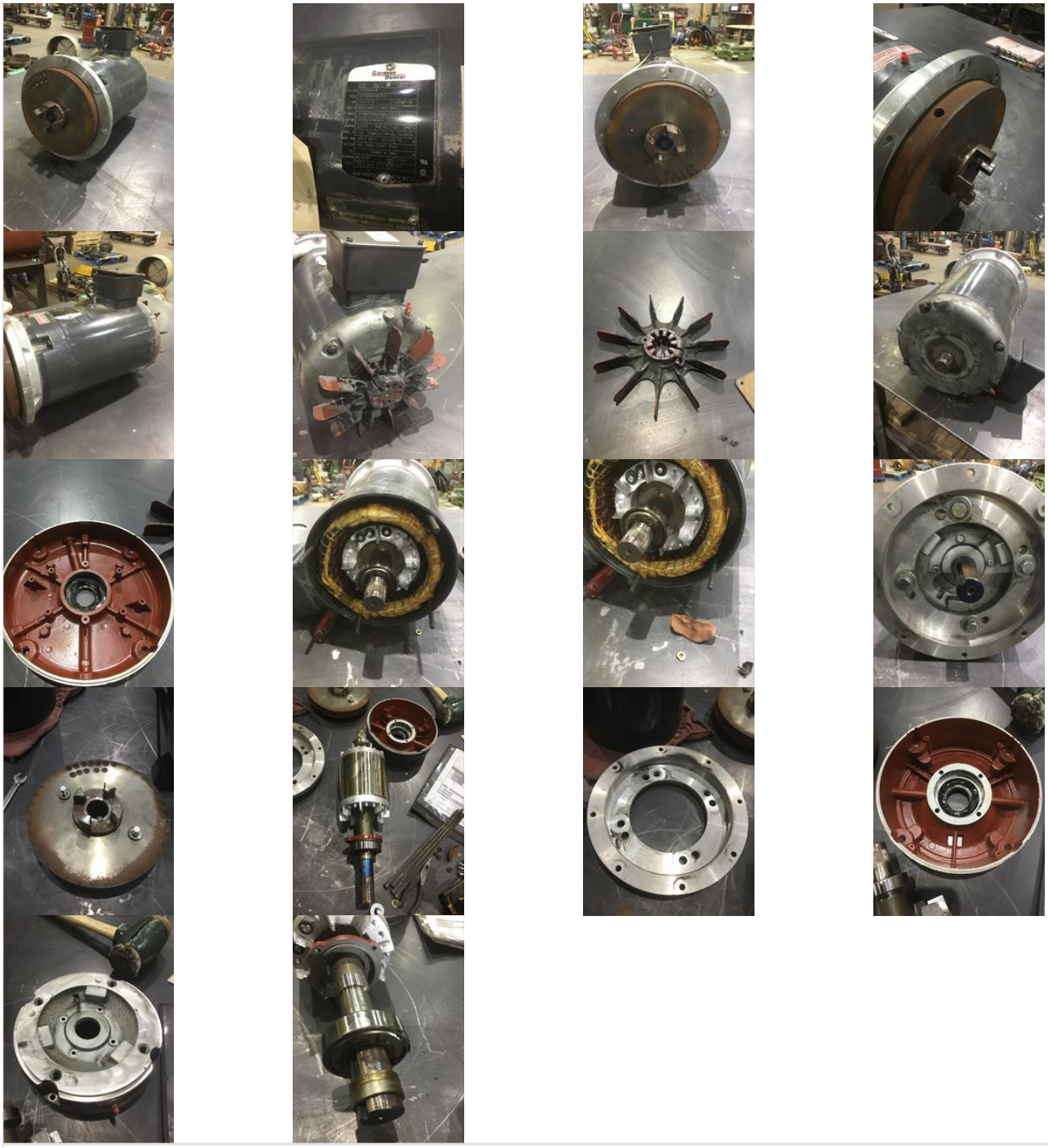
Hi-Speed Job Number:	99595
Manufacturer:	Baldor
Product Number:	5552018
Spec/ID #:	37G450S967H2
Serial Number:	F1510085197
HP/kW:	10 (HP)
RPM:	1770 (RPM)
Voltage:	230 / 460
Current:	27.8-13.9
Phase:	Three
Hz:	60 (Hz)
Service Factor:	9
Enclosure:	TEFC
# of Leads:	9
J-box Included:	Complete
Coupling/Sheave:	Coupling
Date Received:	04/01/2022
Bearing RTDs:	No
Stator RTDs:	No
Repair Stage:	Teardown Inspection
Rewind:	No
Shaft Machined Fit Repairs Required:	No
Bearing Housing Machined Fit Repairs Required:	No
Heaters:	No

Priorities Found: **8 - Good**

Overall Condition

1. Report Date

2. Nameplate Picture



3. Describe the Overall Condition of the Equipment as Received

Balance putty and a balance washer came off the rotor causing it to sand like the bearings were going out but bearings show sign of normal wear.

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	**Inches**
	8.	Assembled Shaft End Play	
	9.	Air Gap Variation <10%	
●	10.	Lead Condition	**(P) Pass**

11.	Lead Length	**8 Inches**
12.	Frame Condition	**good**
13.	Fan Condition	**(P) Pass**
14.	Broken or Missing Components	**fan cover is missing**

Initial Electrical Inspection

15.	Insulation Resistance/Megger	
16.	Winding Resistance	

1-2	1-3	2-3

17.	Perform Surge Test	**(P) Pass**
18.	Stator Condition	**pass**

Mechanical Inspection

19.	Drive End Bearing Number-	**6307**
20.	Drive End Bearing Qty.	**1**
21.	Drive End Bearing Type	**(Ball) Ball Bearing**
22.	Drive End Lubrication Type	**(Grease) Grease Lubricated**
23.	Drive End Bearing Insulation or Grounding Device?	
24.	Drive End Wavy Washer/Snap-Ring Other Retention Device?	**NA**
25.	Drive End Bearing Condition	**normal wear**
26.	Opposite Drive End Bearing Number-	**6206**
27.	Opposite Drive End Bearing Qty.	**1**
28.	Opposite Drive End Bearing Type	**(Ball) Ball Bearing**
29.	Opposite Drive End Lubrication Type	**(Grease) Grease Lubricated**
30.	Opposite Drive End Bearing Insulation or Grounding Device?	**NA**
31.	Opposite Drive End Wavy Washer/Snap-Ring Other Retention Device?	**wavy washer**
32.	Opposite Drive End Bearing Condition	**normal wear**
33.	Drive End Seal	**NA**
34.	Opposite Drive End Seal	**NA**

Rotor Inspection

35.	Rotor Type/Material	**(Squirrel Aluminum) Squirrel Cage Aluminum Die Cast**
36.	Growler Test	**(Pass) Pass**
37.	Number of Rotor Bars	
38.	Rotor Condition	**Pass**
39.	List the Parts needed for the Repair Below ***Bearings***	
40.	Signature of Technician that Disassembled Motor	

Mechanical Fits- Rotor

41.	Shaft Runout	
42.	Rotor Runout	

Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing

43.	Coupling Fit Closest to Bearing Housing	

0 Degrees	90 Degrees	120 Degrees

44.	Coupling Fit Closest to the end of the Shaft	

0 Degrees	60 Degrees	120 Degrees

45. Drive End Bearing Shaft Fit

0 Degrees	60 Degrees	120 Degrees

Pass

46. Drive End Bearing Shaft Fit Condition **(P) Pass**

47. Opposite Drive End Bearing Shaft Fit

0 Degrees	60 Degrees	120 Degrees

Pass

48. Opposite Drive End Bearing Shaft Fit Condition **(P) Pass**

49. Shaft Air Seal Fits

Drive End Air Seal	Opposite Drive End Air Seal

Mechanical Fits- Bearing Housings

50. Drive End - Endbell Bearing Fit

0 Degrees	60 Degrees	120 Degrees

Pass

51. Drive End - Endbell Bearing Fit Condition **(P) Pass**

52. Opposite Drive End - Endbell Bearing Fit

0 Degrees	60 Degrees	120 Degrees

Pass

53. Opposite Drive End - Endbell Bearing Fit Condition **(P) Pass**

54. Bearing Cap Condition P28

Drive End Bearing Cap	Opposite Drive End Bearing Cap

Pass

55. End Bell Air Seal Fits

Drive End Air Seal	Opposite Drive End Air Seal

56. List Machine Work Needed Below

NA