



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

AC Recondition As Found
Sonoco Products Harbor Ave (001514)
2755 Harbor Ave.
Memphis, TN 38113

FolderID: 148192
FormID: 15084373



AC Recondition - Rev. 2

Location: Default

Serial Number:

Hi-Speed Job Number:	148192
Manufacturer:	TECO Westinghouse
Product Number:	AEEANE
Serial Number:	VB E4168204013
HP/kW:	7.5 (HP)
RPM:	3500 (RPM)
Frame:	213TZ
Voltage:	208-230/460
Current:	20.2-18.2/9.1 (Amps)
Phase:	Three
Hz:	60 (Hz)
Service Factor:	1.15
Enclosure:	TEFC
# of Leads:	9
J-box Included:	Half
Coupling/Sheave:	Fan Blades
Date Received:	11/16/2022
Bearing RTDs:	No
Stator RTDs:	No
Repair Stage:	Teardown Inspection
Rewind:	Yes
Shaft Machined Fit Repairs Required:	No
Bearing Housing Machined Fit Repairs Required:	No
Heaters:	No
Winding Type :	Random Wound
Bearing Type:	Rolling Element

Priorities Found: ● 1 - High ● 4 - Good

Overall Condition



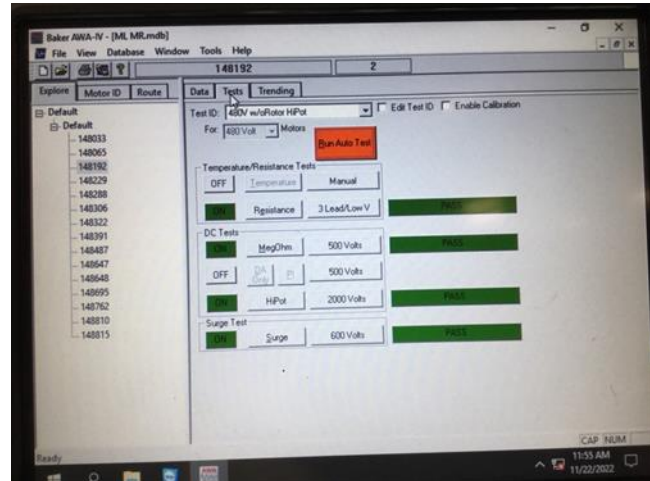
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1. Report Date

11/11/2022

P1

Connected for hi volts. Wind with three leads only for the higher volts.
Ext OLE 2.0"
Ext LE 2.0"
Spacer behind DE Bearing.
After rewind 3.1 amps @ 460 volts
Megged greater than 1000 mohms @ 1000 volts



2. Nameplate Picture

P2



3. Photos of all six sides of the machine.

P3





4. Describe the Overall Condition of the Equipment as Received
Burned up stator

P4



5. Distance from the end of the shaft to the Coupling/Sheave

18 inches

P5



Initial Mechanical/Electrical

6.	Does Shaft Turn Freely?	(Yes) Yes
7.	Does Shaft Have Visible Damage?	(No) No
8.	Assembled Shaft Runout	0.001 Inches
9.	Lead Condition	(P) Pass
10.	Lead Length	10 Inches
11.	Frame Condition	good
12.	Fan Condition	(P) Pass

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13. Broken or Missing Components

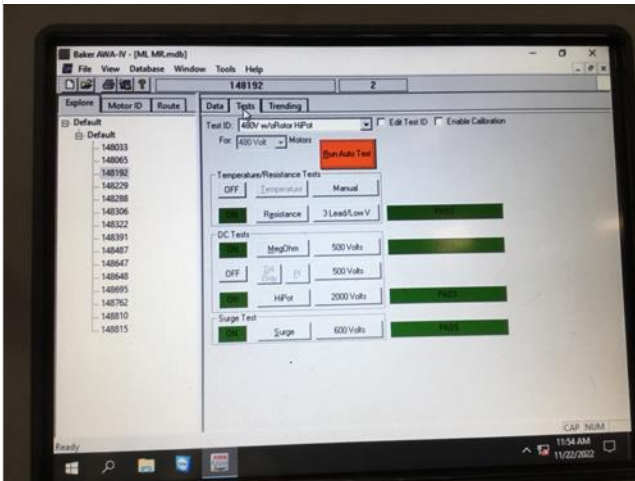
none

Initial Electrical Inspection

14. Perform Surge Test

(P) Pass

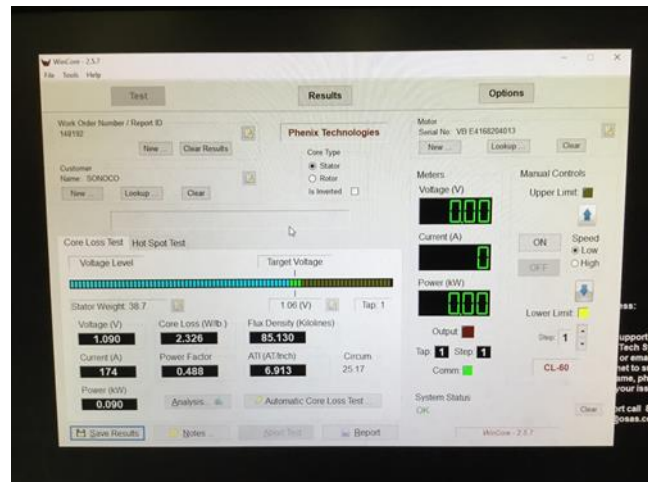
P18



15. Stator Condition

burned

P19

**Mechanical Inspection**

16. Drive End Bearing Number-

6308zz

17. Drive End Bearing Qty.

1

18. Drive End Bearing Type

(Ball) Ball Bearing

19. Drive End Lubrication Type

(Grease) Grease Lubricated

Sealed

20. Drive End Bearing Insulation or Grounding Device?

none

21. Drive End Wavy Washer/Snap-Ring Other Retention Device?

none

22. Drive End Bearing Condition

rough when turned

23. Opposite Drive End Bearing Number-

6306zz

24. Opposite Drive End Bearing Qty.

1

25. Opposite Drive End Bearing Type

(Ball) Ball Bearing

26. Opposite Drive End Lubrication Type

(Grease) Grease Lubricated

27. Opposite Drive End Bearing Insulation or Grounding Device?

none

28. Opposite Drive End Wavy Washer/Snap-Ring Other Retention Device?

wavy washer

29. Opposite Drive End Bearing Condition

good

30. Drive End Seal

none

31. Opposite Drive End Seal

none

Rotor Inspection

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