Job Information

Job #: 136440 Date: June 1, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Chemours Reason:

Contact: Motor#: PO#:

Application: — Special notes:

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)
Serial#:	1-5113-38799-1-1	Model#:	
Service Factor:		Frame:	507us
Horsepower/kW:	250	Rated RPM:	
Rated Amps:		Rated Voltage:	460
Phase:	3	Cycles:	
Special design:	No		

Enclosure Type image

Nameplate

DE

ODE

F1

F2

Top

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes	Contaminant(s):	Grease
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	Full
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			
Shaft runout(TIR-Inbound):			

Bearings DE:	Loose	Bearings DE make:	NTN
Insulated:	No	Bearing DE Size:	315
Bearings ODE:	Worn	Bearings ODE make:	NTN
Bearing Type:	Ball	Bearing ODE Size:	315
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	—	Thermal Protection Type:	—

Bearing Type Image

Bearing Make Image

Bearing Retainer Image

Thermal Protection

Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	—
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	—
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	Full	Grease Cond. DE:	Watery
Grease Amt ODE:	Full	Grease Cond. ODE:	Watery
Seals DE type:	Slinger	Seals Image:	
Seals DE size:			Not Available
Seals DE (inbound) condition :			
		Seals Image 2:	
Seals ODE type:	Slinger		Not Available
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	

Mechanical Inspection (Continued)

Brg. Image:

Bushings/sleeves image:

Not Available

Water jacket: Ok

Not Available

Fan: Ok

Frame cond.: Good

Motor Mount Position: Horizontal/Foot mount

Endbell type: Single piece

Missing parts?

- [ ] J-Box cover
- [ ] O-rings
- [x] J-Box
- [ ] HH cover
- [ ] Glands
- [ ] None

Other missing parts

Endbell Image:

Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Piece Endbell)

Does Air Gap Meet Customer or EASA spec(<10% variation)?

DE @ 0	ODE @ 0	—
DE @ 90	ODE @ 90	
DE @ 180	ODE @ 180	
DE @ 270	ODE @ 270	

AC Electrical Inspection

Number of leads:	6
Length of leads:	18
Size of leads:	Awg 1
Lead condition:	Good
Lug type:	Regular
Lug Condition:	Good
Lug size:	
Lug Attachment:	—

Terminal Markings: Black yellow red

REF: NEMA Stds. MG 1-2009, Rev. 1-2010, 2.41-Terminal Markings Identified By Color:

1-Blue
2-White
3-Orange
4-Yellow
5-Black
6-No color assigned
7-No color assigned
8-Red
P1-No color assigned
P2-Brown

Connections As Received:

Terminal

Lugs

AC Electrical Inspection (Continued)

Rotor Type: Cast Aluminum

Rotor Condition: Ok

Num rotor bars:	40
Num broken bars:	0

Rotor

Rotor Test Results

Visual: Pass Growler: Pass Single phase: Pass

Stator type: Factory

If other, stator type:

Stator condition: Ok

If other, stator condition:

Failure location: In slot

If other, stator failure:

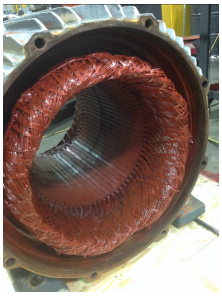
Stator Image:

Failure Image:

AC Electrical Inspection (Continued)

Winding color: Painted

Winding image



Winding Thermal Protection: Yes

Winding condition : Solid

Not Available

Winding Thermal Protection DE: —

Winding Thermal Protection ODE: —

Stator test results: Rewind

Megs incoming: Good

Surge incoming: Good

Hi-pot incoming: Good

Winding Resistance Incoming

	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance
Incoming				

Leads/jumpers: Ok

Lead jumper Image. :

Not Available

If other, leads/jumpers:

Conclusion

Component Failure

Over greased

Cause of Failure

D.e bearing over greased

Comments

Bad rotor ba

Service Tech name: Terry f

Service Tech signature: