

## **Job Information**

Job #:	96380	Date:	January 2, 2020			
Priority:	_	Authorized OT:	No	Authorized by:		

# **Customer Information**

Name:	American Composting		Reason:			
Contact:		Motor#:		PO#:		
Application:	_	Special notes:				

# **Name Plate Information**

Manufacturer:		Baldor	Enclosure :	Enclosure : Open Drop Proof (ODP)		Enclosure Type image	
Serial#:		N0509070008	Model#:	92A112-0963			
Service Factor:		1.0	Frame:	259AT			
Horsepower/kW:		15KW	Rated RPM:	1750			
Armature	Volt	s 230	- Fields	Volts 230			
, intaction	Am	ps 65	_	Amps 1.3			
Nameplate DE		DE	ODE	F1	F2	Тор	













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#### MILLINGTON, TN LITTLE ROCK, AR

## **Mechanical Inspection**

### Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes
Shaft rotation:	CCW
Shaft Condition:	Good
Shaft grounding device present?:	No
Type of grounding device:	
Shaft runout(TIR-Inbound):	

Contaminant(s): Dirt Contaminant(s) Amt: Cup

Contaminant Image:



### Bearing Type Image

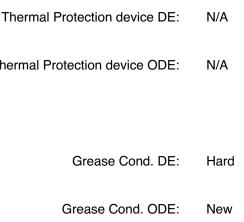


### **Bearing Make Image**



### **Bearing Retainer Image**





**Thermal Protection** 



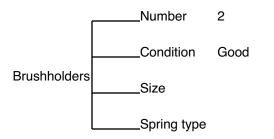
Thermal Protection device DI	Grease	Lubrication Type:
Thermal Protection device ODI	Mobile Polyrex EM	Lubrication brand inbound:
	Mobile Polyrex EM	Lubrication brand outbound:
Grease Cond. DI	0	Grease Amt DE:
Grease Cond. ODI	1/4	Grease Amt ODE:

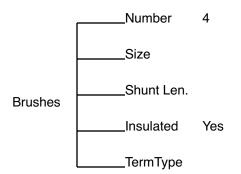
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### **MILLINGTON, TN** LITTLE ROCK, AR

# **Mechanical Inspection (Continued)**





Brg Image



Shaft Image



Brushing/sleeves



End bell



Water jacket: N/A



Fan: Ok



Frame cond .:

Good



Motor Mount Position:

Horizontal/Foot mount

Foot/Flange condition:

Ok

Foot flatness: Pass

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	MILLINGTON, TN LITTLE ROCK, AR
Mechanical Inspection (Co	ntinued)
Missing parts?	
J-Box cover O-rings	J-Box HH cover Glands None
Other missing parts	
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
Electrical Inspection	

Move armature imbalance to Assemble Commutator: Salvageable

# Winding Inspection

Meg Test IP to Flds: Good Polarity Check IP to Flds: Yes

Meg Series to Shunt: Good

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#### **MILLINGTON, TN** LITTLE ROCK, AR

### **DC Electrical Inspection**

Brushes:	Normal wear			Brush Image:
Brush holders:	Salvageable	Qty.	4	
Insulators:	Salvageable	Qty.	2	
Lead support stud:	Salvageable	Qty.	2	Alternate brush image:
Rocker ring:	Salvageable	Qty.	1	





Commutator Type:	Tig welded

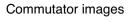
Commutator Condition : Oil soaked

Commutator Film:

Commutator Hardness:

Ok

Good







Armature type: Factory If other If other Failure mode: Ok Failure location: Front V ring If other Armature condition: Solid If other

Winding color:

Like new

### Armature images



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# MILLINGTON, TN LITTLE ROCK, AR

DC Electrical Inspection (Continued)							Arr	nature image			
Armature Test Results											
Megs:	Good	ł	Н	i-pot:	Good	Core lo	ess:	Good			
Fields cond	dition										
Ser	ries/Stat	o condit	ion:	Ok				Fields condition ima	age:		
	Shunts	s condit	ion:	Ok							
Ir	nterCoils	s condit	ion:	Ok							
Fields test	results										
S	Series/St	tab	Meg:	Ok		Hi Pot:	Ok	Re	sistance:	Ok	
	Shu	nts	Meg:	Ok		Hi Pot:	Ok	Re	sistance:	Ok	
	InterCo	oils	Meg:	Ok		Hi Pot:	Ok	Re	sistance:	Ok	
Thermis	tors:	None							Fie	ld Test image	
F	RTD:	None					At			Felite shares	
Thermo	stat:	None									

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# MILLINGTON, TN LITTLE ROCK, AR

Leads/jumpers: Ok

Lead jumper Image:



## Conclusion

**Component Failure** 

**Cause of Failure** 

### Comments

Stator and armature need washed and baked .De bearing had water and dirt corrosion and fatigue

Service Tech name: Robert Wiley

Service Tech signature:

Jers Willer

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