

## **Job Information**

Job #:	95885				Date:	August 14, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

### **Customer Information**

Name:	Delta Plastics		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

### **Name Plate Information**

Manufacturer:	Baldor	Enclosure :	Open Drop Proof (ODP)	Enclosure Type image
Serial#:	S9142527001002JR	Model#:		
Service Factor:	1.0	Frame:		
Horsepower/kW:	250	Rated RPM:	1765	a second
Rated Amps:	295	Rated Voltage:	460	
Phase:	3	Cycles:	60	
Special design:	No			

Nameplate

DE

ODE

F1

F2

Тор













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#### **Mechanical Inspection**

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	_	Contaminant(s):	None
Shaft rotation:	_	Contaminant(s) Amt:	None
Shaft grounding device present?:	No		
Type of grounding device:			

Shaft runout(TIR-Inbound):

NI-+	NL-+		NL-+
Bearing Type Image	Bearing Make Image	Bearing Retainer Image	Thermal Protection
Retainer condition:	_	Thermal Protection Type:	_
Bearings Retainer:	Yes	Thermal Protection:	Yes
Bearing Type:	Ball	Bearing ODE Size:	6211 ZZ
Bearings ODE:	Worn	Bearings ODE make:	FAG
Insulated:	No	Bearing DE Size:	6217 ZZ
Bearings DE:	Worn	Bearings DE make:	FAG









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# **Mechanical Inspection (Continued)**

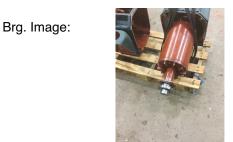
Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	_
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	Full	Grease Cond. DE:	New
Grease Amt ODE:	Full	Grease Cond. ODE:	New
Seals DE type:	N/A		
Seals DE size:			
Seals DE (inbound) condition :			
Seals ODE type:	N/A		
Seals ODE size:			
Seals ODE (inbound) condition			
Shaft damage cause:	None	Shaft Image:	



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#### **Mechanical Inspection (Continued)**



Bushings/sleeves image:





Fan: Ok

Frame cond.:

ond.: Good







Motor Mount Position	: Horizontal/Fo	pot mount		Endbell type:	Single piece
Missing parts?			Endbell Image:		
J-Box cover	O-rings	J-Box			
HH cover	Glands	None None			and the second sec
Other missing parts					

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## **Mechanical Inspection (Continued)**

Air Gap Meaurements (N/A on S	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	Terminal Markings:	11-22-33	
Length of leads:	15"	REF: NEMA Stds Markings Identifie	s. MG 1-2009, Rev. 1- ed By Color:	2010, 2.41-Terminal
Size of leads:		1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown
Lead condition:	_	4-Yellow	8-Red	
Lug type:		Connections As Rec	ceived:	
Lug Condition:	_	т	erminal	Lugs
Lug size:				Not
Lug Attachment:	_			Available

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# **AC Electrical Inspection (Continued)**

Rotor Type:	Cast Aluminum			Rotor
Rotor Condition:	Ok	lum rotor bars: m broken bars:		
Rotor Test Results				
Visual: Pass	Growler:	Pass	Single phase:	Pass
Stator type:	Factory	If other, stator ty	/pe:	
Stator condition:	Ok	If other, stator condit	ion:	
Failure location:	In slot	If other, stator fail	ure:	
Stator Image:		Failure Ima	ige:	

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### **AC Electrical Inspection (Continued)**

Winding color:	Painted	Winding	j image	Winding Thermal	Protection:	Yes
Winding condition :	Solid				N	
Winding Thermal Protection DE:	_				Avai	lable
Winding Thermal Protection ODE:	_					
Stator test results:	Rewind					
Megs incoming: G	àood	Surge incoming:	Bad	Hi-pot inc	coming: B	ad
Winding Resistance I	ncoming					
Pha	ses A to B	Phases B to C	Phase	es C to A	Resistive im	balance
Incoming 0.0	0	0.00	0.00		0.00	
Leads/jump	pers: Ok		Lea	d jumper Image. :		
If other, leads/jump	pers:					Not ailable

# **Mechanical Inspection**

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:	Good	Bearings Retainer:	Yes
Type of grounding device:		Bearing DE Size:	6217
Shaft runout(TIR-Inbound):		Bearing ODE Size:	6211

Retainer condition:

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# **Mechanical Inspection (Continued)**

Seals DE condition :	Worn	Brg. Seats DE:	Good	
Seals DE type:	N/A	If DE undersized, amt.:	3.3465	
Seals DE size:		Brg. Seats ODE:	Good	
Seals DE (inbound) condition :		If ODE undersized, amt.:	2.5593	
Seals ODE condition :	Worn	Shaft damage:	ОК	
Seals ODE type:	N/A			
Seals ODE size:		Bushings/sleeves DE:	Ok	
Seals ODE (inbound) condition :		Bushings/sleeves ODE:	Ok	
Endbell fits/damage:	Good	Foot/Flange condition:	Ok	
Endbell DE size:	5.9065	Foot flatness:	Pass	
Endbell DE insulated?:	No	Does Air Gap Meet Cu	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
Endbell ODE size:	4.7253	variation)?		
Endbell ODE insulated?:	No	_		

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#### Conclusion

**Component Failure** 

**Cause of Failure** 

Comments

Coil to coil short

Service Tech name:

**Robert Wiley** 

Service Tech signature:

W'le

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