

## **Job Information**

Job #:	94751				Date:	October 3, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

# **Customer Information**

Name:	WELSPUN		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

## **Name Plate Information**

Manufacturer:	Brusatori	Enclosure :	Totally Enclosed Non-Ventilated
Serial#:	10028/03	Model#:	COD VL16013W00002
Service Factor:		Frame:	
Horsepower/kW:	49KW	Rated RPM:	1500/2400
Rated Amps:	93	Rated Voltage:	400
Phase:	3	Cycles:	50.9
Special design:	No		

#### Enclosure Type image



Тор

Nameplate

DE

ODE

F1

F2



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## **Mechanical Inspection**

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

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

Shaft runout(TIR-Inbound):

Bearings DE:	Worn	Bearings DE make:	SKF
Insulated:	No	Bearing DE Size:	6211ZZ
Bearings ODE:	Worn	Bearings ODE make:	SKF
Bearing Type:	Ball	Bearing ODE Size:	6211ZZ
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

#### Bearing Type Image



Bearing Make Image



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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 DE size:			
Seals DE (inbound) condition :			
Seals ODE type:	Slinger		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	



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# **Mechanical Inspection (Continued)**

Brg. Image:	Bushings/sle	eeves image: Not Available
Water jacket: N/A Not Available	Fan: N/A Not Available	Frame cond.: Good
Motor Mount Position: Horizontal/Foot mount   Missing parts?   J-Box cover   J-Box cover   HH cover   Glands   Other missing parts	Endbell Image:	Endbell type: Single piece

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# **Mechanical Inspection (Continued)**

Air Gap Meaurements (N/A on Single Pie	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	

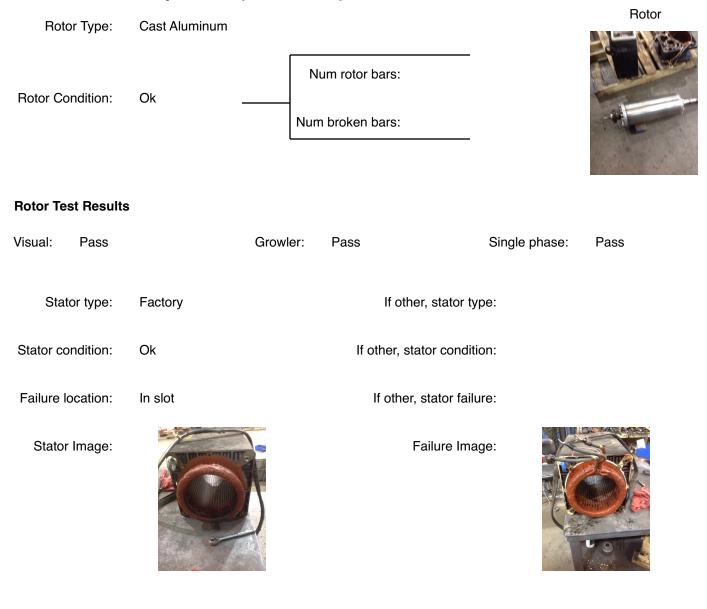
# **AC Electrical Inspection**

Number of leads:	3	Terminal Markings:	UVW	
Length of leads:	14"	REF: NEMA Stds. Markings Identifie	. MG 1-2009, Rev. 1- d 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:	Good	4-Yellow	8-Red	
Lug type:		Connections As Rece	eived:	
Lug Condition:	Good	Te	erminal	Lugs
Lug size:				
Lug Attachment:	Acceptable			CHAIL D

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



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# **AC Electrical Inspection (Continued)**

Winding cold	or: Like new	Winding	g image Windi	ing Thermal Protection:	Yes
Winding conditior	n : Solid				
Winding Therm Protection DI					Not Ailable
Winding Therm Protection OD			L'OK		
Stator test result	s: Salvageat	ble			
Megs incoming:	Good	Surge incoming:	Good	Hi-pot incoming: G	Good
Winding Resistan	ce Incoming				
F	Phases A to B	Phases B to C	Phases C to	A Resistive im	balance
Incoming	71.111	70.754	70.753	0.5	
Leads/j	umpers: Ok		Lead jumper Im	nage.:	
lf other, leads/j	umpers:			No Availa	

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#### Conclusion

#### **Component Failure**

**Cause of Failure** 

Output shaft and key way bad

#### Comments

Needs new shaft and bearings

Service Tech name:

**Robert Wiley** 

Service Tech signature:

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