

# **Job Information**

Job #:	95874				Date:	August 26, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

# **Customer Information**

Name:	Coors Tek		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

# **Name Plate Information**

Manufacturer:	Baldor	Enclosure :	Totally Enclosed Fan Cooled	Enclosure Type imag
Serial#:	Z0708230466	Model#:		
Service Factor:	1.15	Frame:	324T	ŤAM ÉŠ
Horsepower/kW:	40	Rated RPM:	1770	
Rated Amps:	94/47	Rated Voltage:	230/460	
Phase:	3	Cycles:	60	
Special design:	No			

#### ge



Nameplate

DE

ODE

F1

F2













Тор

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



### **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:	6312 ZZ
Bearings ODE:	Worn	Bearings ODE make:	SKF
Bearing Type:	Ball	Bearing ODE Size:	6309 ZZ
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

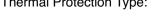
#### Bearing Type Image



WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301 Bearing Make Image



CENTRAL ARKANSAS 6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254



Bearing Retainer Image



**Thermal Protection** 

Not Available



WEST TENNESSEE

7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301 CENTRAL ARKANSAS

6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254

# **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:	



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

Brg. Image:



Bushings/sleeves image:

Not Available

Water jacket:	N/A
---------------	-----

Fan: Ok



Frame cond.: Good



Single piece

Motor Mount Position:	Horizontal/Foot mount	
Missing parts?		

J-Box

**V** None

O-rings

Glands

Endbell Image:



Endbell type:



Other missing parts

J-Box cover

HH cover

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



# **Mechanical Inspection (Continued)**

Air Gap Meaurements (N/A on Single Piece	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	

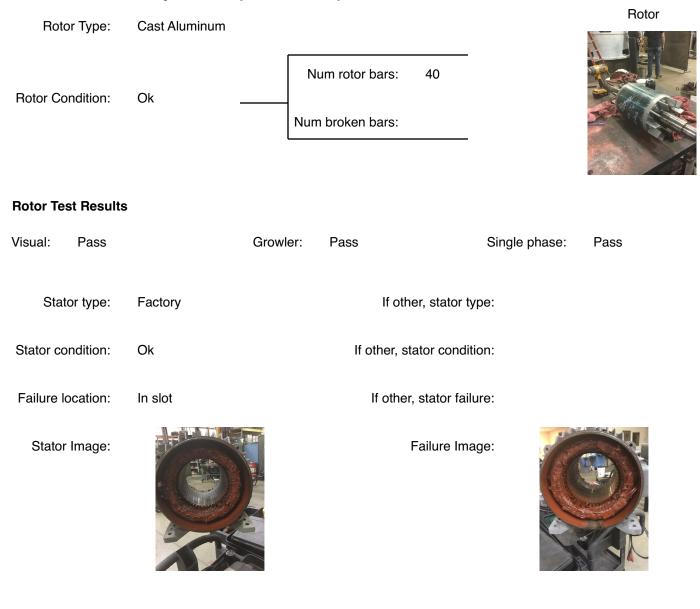
# **AC Electrical Inspection**

Number of leads:	9	Terminal Markings:	1-9	
Length of leads:	10"	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:	Good	4-Yellow	8-Red	
Lug type:		Connections As Rec	ceived: High voltage	•
Lug Condition:	_	т	erminal	Lugs
Lug size:				Not
Lug Attachment:	_		Not ailable	Not Available

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



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



WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



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

Winding colo	or:	Like new	Winding	g image	Winding Thermal	I Protection:	Yes
Winding condition	1:	Solid				Ν	lot
Winding Therma Protection DE		_					lot Iilable
Winding Therma Protection ODE		_		N N			
Stator test results	s:	Salvageable					
Megs incoming:	Go	od	Surge incoming:	Good	Hi-pot ind	coming:	Good
Winding Resistance	ce Ind	coming					
F	Phase	es A to B	Phases B to C	Phase	es C to A	Resistive in	nbalance
Incoming	0.		0.00	0.00		0.00	
Leads/ju	umpe	ers: Ok		Lea	d jumper Image. :		
lf other, leads/ju	umpe	ers:					
Mechanical I	nsp	pection					
Inspect bolt holes a	nd fa	steners. Validat	e correct fasteners.				

Shaft Condition:GoodBearings Retainer:YesType of grounding device:Bearing DE Size:6312Shaft runout(TIR-Inbound):Bearing ODE Size:6309

Retainer condition:

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



# **Mechanical Inspection (Continued)**

Seals DE condition :	Worn	Brg. Seats DE:	Good
Seals DE type:	N/A	If DE undersized, amt.:	2.3628
Seals DE size:		Brg. Seats ODE:	Good
Seals DE (inbound) condition :		If ODE undersized, amt.:	1.7723
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:	5.1191	Foot flatness:	Pass
Endbell DE insulated?:	No	Does Air Gap Meet Cu	stomer or EASA spec(<10%
Endbell ODE size:	3.9387 Bad	variation)?	
Endbell ODE insulated?:	No	_	

VEST TENNESSE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



#### Conclusion

**Component Failure** 

**Cause of Failure** 

Comments

Ode bearing housing fit bad.Need new Brake Pads and Brake Hub

Service Tech name:

**Robert Wiley** 

Service Tech signature:

St Willie

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300

6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254 Fax 901-873-5301

CENTRAL ARKANSAS