



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 330

Date: February 3, 2020

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Welspun

Motor#:

## Name Plate Information

Manufacturer:	US PUMP	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	T097538511-0001	Model#:	DN11	Service Factor:	1.15
Frame:	H444TP	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	164	Cycles:	60

Special design: No

## AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:
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**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



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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.182	0.477	0.467	121
After burnout				

## Conclusion

Service Tech name: RW

Service Tech signature:

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## Polyphase AC Winding

Polyphase Date: February 3, 2020

Hp/kw: 150 RPM: 1780 Poles: 4 Manufacturer: US PUMP

Slots: 72 Type: RUSI Volts: 460

Coils: 72 Model: DN11 Amps: 164

12 Of 6

Serial#: T097538511-0001

Phase: 3

Grouping

Of

Lead marking: 1-2-3-7-8-9 Hertz: 60

Turns/Coil: 10 Lead length: 16 C Rise: Frame: H444TP

Wire Size 16 17 Lead size: 2 Duty: Cont C AMB:

Wire Mult. 3 5 Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 16 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 2D2D PWS

Jumper:

Core length: 14.25

Core ID: 11.0

Back iron: 0.625

Slot depth: 1.875

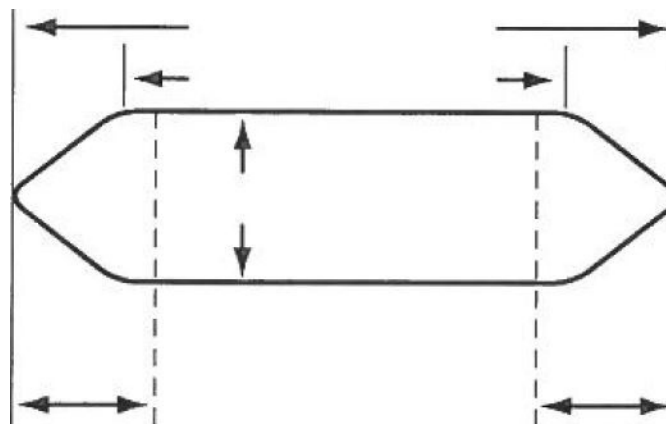
Slot/tooth w: 0.284

Wire weight: 191

Vents: Size

Rotor bars:

COIL

☒ LeftConnection End  
(Facing Terminal Box)☐ Right

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**Single Phase**

Split Phase ☐  
Capacitor: ☐ Start ☐ Start & Run ☐ Perm. Split

Hp/kw: 150

RPM: 1780

Manufacturer: US PUMP

	Run	Start	Type:	Volts:	460
No. Slots			Model: DN11	Amps:	164
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: T097538511-0001		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> SB
No. Circuits			Open: —		
Coil Ext.			Sta.length:	Sta.b.i.:	
Stator Bore					

Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Slot No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Starting ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Customer: Welspun

(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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## AC Stator Form Coil Data

1. Core bore diameter
2. Total core length
3. Back iron
4. No. of vents
5. Width of vents
6. Finger plate width
7. Overall coil length
8. Connection end extension
9. Opposite Conn. End Ext.
10. Straight length bottom side
11. Straight length top side
12. Small knuckle drop. CE
13. Large knuckle drop. CE
14. Conn. Support Ring from core
15. Opp. Conn. Supp. Ring from core
16. Connection support ring ID
17. Opp. Conn. Supp. Ring ID
18. Total slot depth
19. Slot depth under wedge
20. Slot width

OCE

OCE



## AC Stator Form Coil Data (Continued)

21. Lead location ☐ A ☐ B ☐ C ☐ D

22. Coil type ☐ Left hand ☐ Right hand

23. Coil leads Long# LG

Short# LG

☐ Out ☐ Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw 1-

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes ( ) x

( ) x

32. Strand insulation

☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in
