



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 94327

Date: May 23, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Layton River

Motor#:

## Name Plate Information

Manufacturer:	STAHL Hoist Motor	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	7/1.07
Serial#:	54 10 701	Model#:	2/12A4/514	Service Factor:	
Frame:		Rated RPM:	3410/510	Rated Voltage:	460
Phase:	3	Rated Amps:	10.2/8.3	Cycles:	60

Special design: No

## AC Electrical Inspection

Megs after rewind: Good Surge after rewind: Good Hi-pot after rewind: Good

Core loss: Good Thermistors: None Thermostat: None

RTD: None ohms at degrees C

Motor Heater(s) Present: Yes Qty: Voltage: Wattage:

**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				
After burnout				

## Conclusion

Service Tech name: RHR

Service Tech signature:



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# Polyphase AC Winding

Polyphase Date: May 23, 2018

Hp/kw:	7/1.07	RPM:	3410/510	Poles:	Manufacturer:	STAHL Hoist Motor
Slots:	36	Type:			Volts:	460
Coils:	36	Model:	2/12A4/514		Amps:	10.2/8.3
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6 Of 6 Grouping Of </div>		Serial#:	54 10 701		Phase:	3
		Lead marking:			Hertz:	60
Turns/Coil:	21	Lead length:	60	C Rise:	Frame:	
Wire Size	21 22	Lead size:	16	Duty:	C AMB:	
Wire Mult.	1 1	Num.Leads:	3	Eff.:	Ins.Cls.:	F

Pitch 1 to: 15

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2Y

Jumper:

Core length: 3.75

Core ID: 4.687

Back iron: 0.625

Slot depth: 0.875

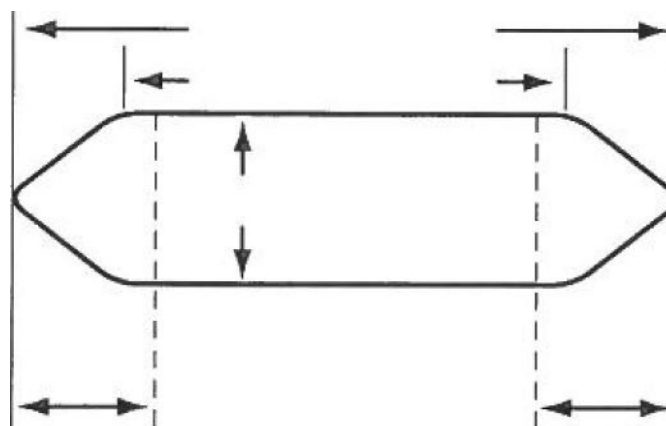
Slot/tooth w: 0.187

Wire weight: 44

Vents: Size

Rotor bars:

COIL


☐ Left

Connection End  
(Facing Terminal Box)

☐ Right



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**Single Phase**

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

Hp/kw: 7/1.07

RPM: 3410/510

Manufacturer: STAHL Hoist Motor

	Run	Start	Type:	Volts:	460
No. Slots			Model: 2/12A4/514	Amps:	10.2/8.3
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 54 10 701		
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: Layton River

(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




## AC Stator Form Coil Data (Continued)

### Special Features      Yes      No

Data change      ☐      ☐

Coil support ring steel      ☐      ☐

Terrace wound      ☐      ☐

Corona Protection      ☐      ☐

RTDs      ☐      ☐

Ohms      Qty

Hermetic      ☐      ☐

Slot paper used      ☐      ☐

Insulation class      ☐ B      ☐ F      ☐ H

☐ VPI      ☐ Dip & Bake      ☐ Sealed

☐ Leads taped      ☐ Leads sleeved

Comments

