



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94688

Date: August 31, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Furture Fuel

Motor#:

Name Plate Information

Manufacturer: US

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 30

Serial#: D0601056823-001R

Model#: 697289

Service Factor:

Frame: 286TSD

Rated RPM: 3520

Rated Voltage: 460

Phase: 3

Rated Amps: 37

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 TENNESSEE7030 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



MILLINGTON, TN

LITTLE ROCK, AR

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:

WEST TENNESSEE

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: August 31, 2018

Hp/kw: 30 RPM: 3520 Poles: 2 Manufacturer: US
Slots: 36 Type: LCEF Volts: 460
Coils: 36 Model: 697289 Amps: 37

6 Of 6
Grouping
Of

Serial#: D0601056823-001R

Phase: 3

Lead marking:

Hertz: 60

Turns/Coil: 11 Lead length: 9 C Rise: Frame: 286TSD

Wire Size 16 18 Lead size: 10 Duty: Cont C AMB:

Wire Mult. 3 1 Num. Leads: Eff.: Ins. Cls.: F

Pitch 1 to: 14 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1D

Jumper:

Core length: 5.5

Core ID: 6.625

Back iron: 1.5

Slot depth: 0.875

Slot/tooth w: 0.248

Wire weight: 36

Vents: Size

COIL

☒ LeftConnection End
(Facing Terminal Box)☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 30

RPM: 3520

Manufacturer: US

Run

Start

Type:

Volts: 460

Model: 697289

Amps: 37

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: D0601056823-001R

Wires in par.

Duty: —

☐ BB☐ 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: Furture Fuel

(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


