Job Information

Job #:	141212			Date:	November 25, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Lucy Wood Stock Terminal	Motor#:	

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	10
Serial#:	P21G580J	Model#:		Service Factor:	1.15
Frame:	X215T	Rated RPM:	3500	Rated Voltage:	230/460
Phase:	3	Rated Amps:	25/12.5	Cycles:	60
Special design:	No				

AC Electrical Inspection

Megs at reassembly: Good Surge at reassembly: Good Hi-pot reassembly: Good

Winding Resistance Incoming

	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance
Outgoing	1.714000	1.677200	1.695400	2.2

Test Run Inspection

Date

Yes I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	3.984	4.359	4.214
No Load Current	460	460	460

Temperatures: (Degrees Fahrenheit)

Test run ball-bearing motors for 15 minutes.

Test run sleeve bearing motors for 60 minutes.

Temperature rise at the end of test run should be less than 2° every five minutes.

Test Run Inspection (Continued)

Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
START:				
5 MIN:				
10 MIN:				
15 MIN:				
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak **(Readings should be less than .08 In/Sec Peak)**

	Horizontal	VDE	Axial
DE	0.113	0.113	0.073
ODE	0.077	0.090	0.083

Magnetic Center Measurements **(Only Applies to Sleeve Bearing Motors)**

Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos

☐ Yes, the shaft has been isolated for delivery.

Service Tech name: Kelly Felts

Service Tech signature: