Job Information

Job #:	95142			Date:	January 22, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Advanced Fluid Technologies	Motor#:	

Name Plate Information

Manufacturer:	BARTEC VARNOST	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	26KW
Serial#:	Btb00atex1080	Model#:	20094167d	Service Factor:	
Frame:		Rated RPM:	3525	Rated Voltage:	278/480
Phase:	3	Rated Amps:	71/41	Cycles:	60
Special design:	Yes				

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	0.272	0.260	0.274	4.4

Test Run Inspection

Date January 22, 2019

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	460	458	459
No Load Current	9.3	8.8	8.0

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: 75

TIME	DE	Degree Change	ODE	Degree Change
START:	75		75	
5 MIN:	75		76	
10 MIN:	76		76	
15 MIN:	77		78	
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	0.2	0.3	0.2
ODE	0.3	0.4	0.3

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

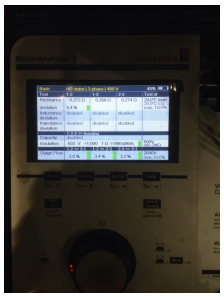
Magnetic Center line distance from shaft shoulder

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: Trevor Hall

Service Tech signature: