



Condition Calculator Software for the AT31 Motor Circuit Analysis Instrument

Easy-to-Use User Interface

- Single page for both Data Entry & Analysis
- Simply type in and store your test results quickly
 - Motor ID, Test Date, Phase Test Results, plus enter results from the AT31's unique rotor test, EMI Test and phase balance test!

	T1-T2	T1-T3	T2-T3	Conclusion
Impedance (Z)	26	26	28	5.00
I / F	-41	-42	-44	3.00
Phase Angle (fi)	71	71	74	3.00
Phase Balance (pb)	0	4	7	7.00

Insulation Resistance: 500 MegOhm
Test Volt: 500V 1000V
EMI Test: High Low
Test Frequency: 200
Rotor Test Passed: Not Tested
Rotor Compensated:

Findings
- Shorted Winding.
- Recommend check at motor if tested from MCC.

Saved Records:
ABC9 [2006-10-18]
FAN1 [2007-09-28]
XYZ123 [2007-10-18]



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Easy-to-Read Report

- Report shows Test Values & Findings
 - Findings will state condition of the 3-phase winding
 - Report lists phase unbalances for user review
 - Easy to read report format

Condition Calculator - Report

- 1 -

October 22, 2007 10:34 AM

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Motor ID:      FAN1
Test Date:    2007-09-28

                T1-T2      T1-T3      T2-T3
Impedance:      26         26         28         5.00
I / F      :    -41        -42        -44         3.00
Phase Angle:    71         71         74         3.00
Phase Balance:  0          4          7          7.00
Insulation:    500 MegOhm
Test Volt :    500V

                High      Low
EMI Test  :

Test Freq :    200
Rotor Test:  Not Tested
Rotor Comp: FALSE

Findings: - Shorted Winding.
          - Recommend check at motor if tested from MC

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Data Export

- Via Comma Separated Variable File (.csv)

A	B	C	D	E	
MotorId	TestDate	z1	z2	z3	if1
XYZ123	10/18/2007	45	45	45	
ABC9	10/18/2006	65	67	69	
FAN1	9/28/2007	26	26	28	

Condition Calculator makes it a Breeze to analyze potential faults. Enter the test results into your PC and it gives you an answer every time!

For more information contact your local ALL-TEST Pro distributor or representative. You can also contact us direct at 860-399-4222 or Email info@alltestpro.com.



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