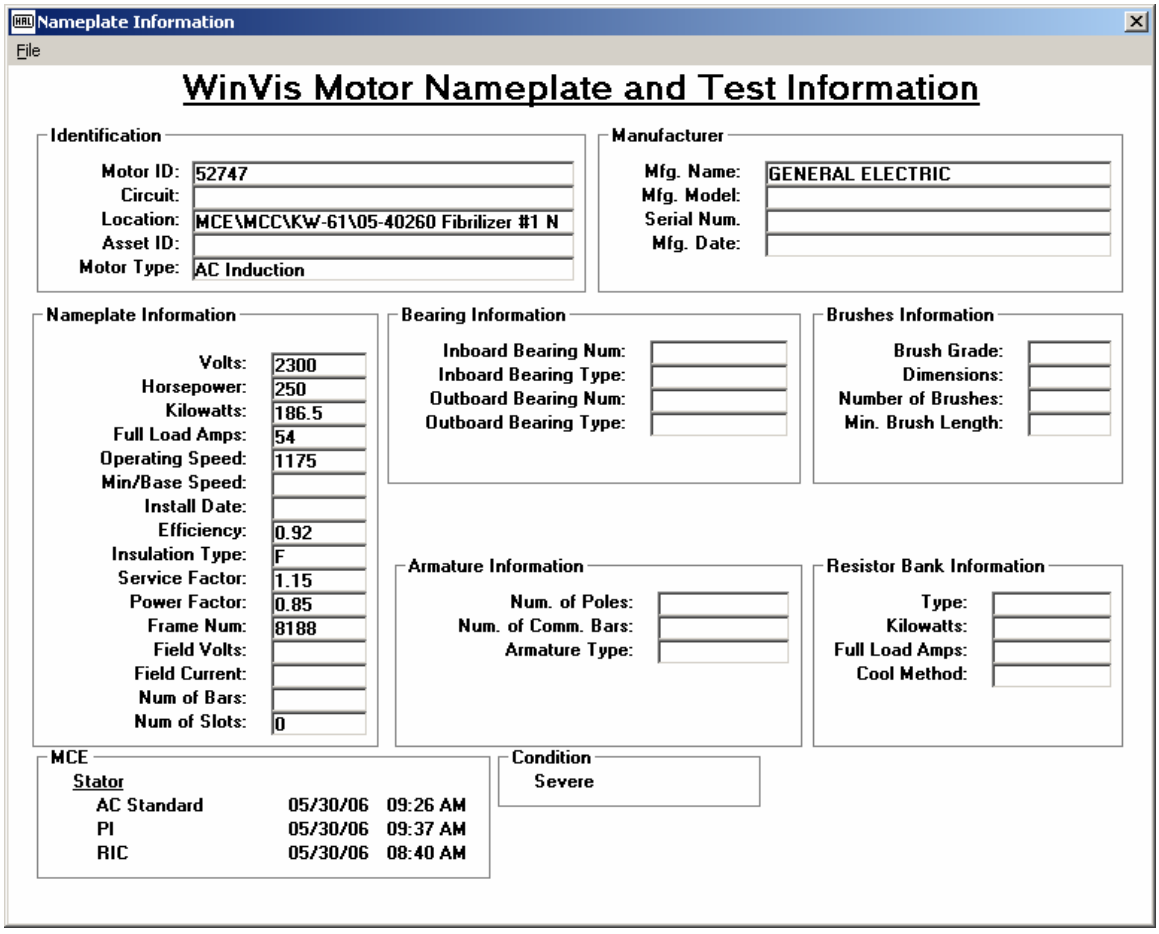
52747 250 Hp, 2300V, 8188 DP



Nameplate Information

File

WinVis Motor Nameplate and Test Information

Identification

Motor ID:	52747
Circuit:	
Location:	MCE\MCC\KW-61\05-40260 Fibrilizer #1 N
Asset ID:	
Motor Type:	AC Induction

Manufacturer

Mfg. Name:	GENERAL ELECTRIC
Mfg. Model:	
Serial Num.	
Mfg. Date:	

Nameplate Information

Volts:	2300
Horsepower:	250
Kilowatts:	186.5
Full Load Amps:	54
Operating Speed:	1175
Min/Base Speed:	
Install Date:	
Efficiency:	0.92
Insulation Type:	F
Service Factor:	1.15
Power Factor:	0.85
Frame Num:	8188
Field Volts:	
Field Current:	
Num of Bars:	
Num of Slots:	0

Bearing Information

Inboard Bearing Num:	
Inboard Bearing Type:	
Outboard Bearing Num:	
Outboard Bearing Type:	

Brushes Information

Brush Grade:	
Dimensions:	
Number of Brushes:	
Min. Brush Length:	

Armature Information

Num. of Poles:	
Num. of Comm. Bars:	
Armature Type:	

Resistor Bank Information

Type:	
Kilowatts:	
Full Load Amps:	
Cool Method:	

MCE

Stator

AC Standard	05/30/06	09:26 AM
PI	05/30/06	09:37 AM
RIC	05/30/06	08:40 AM

Condition

Severe

52747(MCE Stator / AC Standard)

File Edit

Test Date	11/04/2004	05/26/2006	05/30/2006	05/30/2006
Test Time	10:18:54 AM	09:10:39 AM	09:00:39 AM	09:26:07 AM
	Baseline			
Frequency	1200	1200	1200	1200
Mohm Ph 1 to Gnd				
Charge Time	30	15	15	15
Voltage	1000	1000	1000	1000
Motor Temp	41	28	26	26
Measured Mohm	> 2000	0.9	0.3	0.3
Corrected Mohm	OVR (MCE)	0.4	0.1	0.1
pF Ph 1 to Gnd	39750	83250	77250	82500
ohm Ph 1 to 2	0.94950	0.79650	0.79400	0.79950
ohm Ph 1 to 3	0.94600	0.80100	0.79400	0.79550
ohm Ph 2 to 3	0.94650	0.80150	0.79250	0.79950
mH Ph 1 to 2	50.350	49.720	45.300	49.180
mH Ph 1 to 3	47.580	41.820	45.350	52.150
mH Ph 2 to 3	42.680	45.960	51.650	55.150
Avg. Inductance	46.870	45.833	47.433	52.160
% Res. Imbalance	0.23	0.40	0.13	0.33
% Ind. Imbalance	8.94	8.76	8.89	5.73
$ Power Loss	10.84	15.48	4.65	12.39
Test Location	T-Leads	T-Leads	Motor Leads	Motor Leads
MCE #	030363	030363	030363	030363
User				
Notes	Yes	Yes	Yes	Yes

On Friday morning, this motor was running when an operator decided to wash the pulp from the side of the motor. The ground fault opened the breaker.

An electrician megged the motor windings before trying to restart it.

The megger reading stayed low over the weekend despite applying DC amperage from a welding machine.

On Tuesday we ran the motor on 460 volts in the shop.

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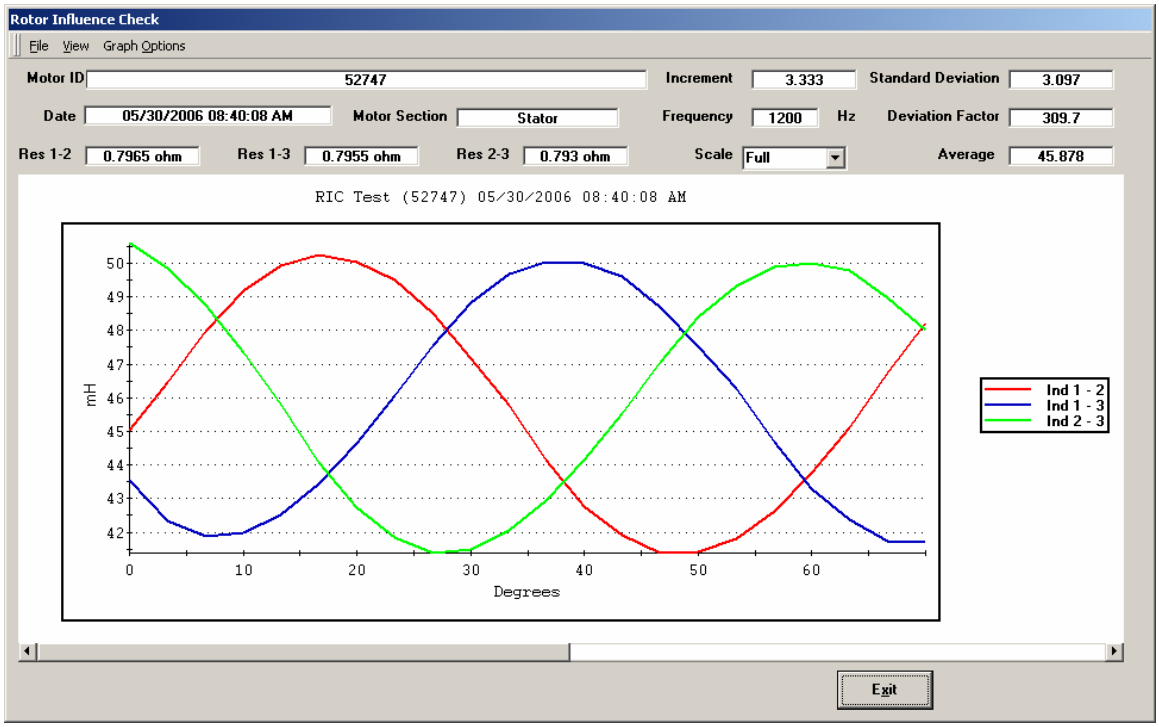

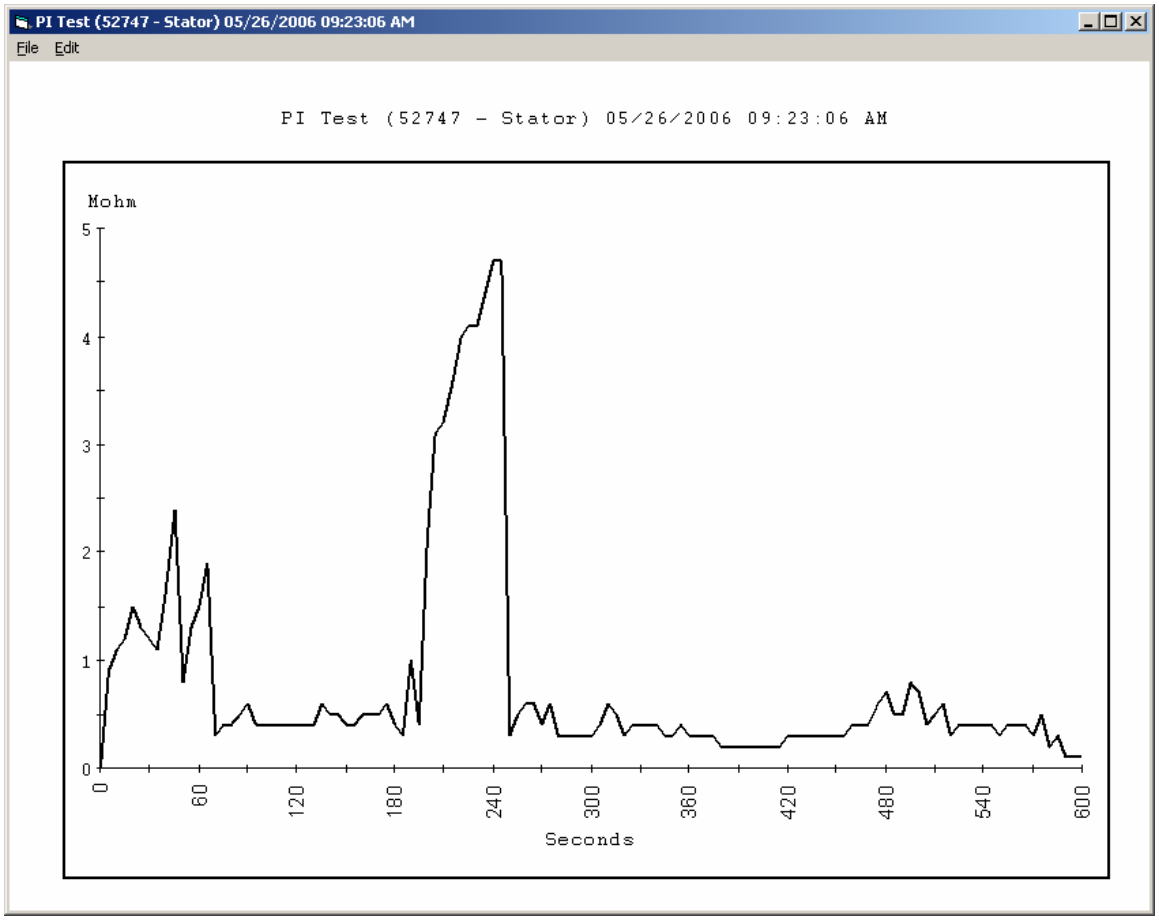

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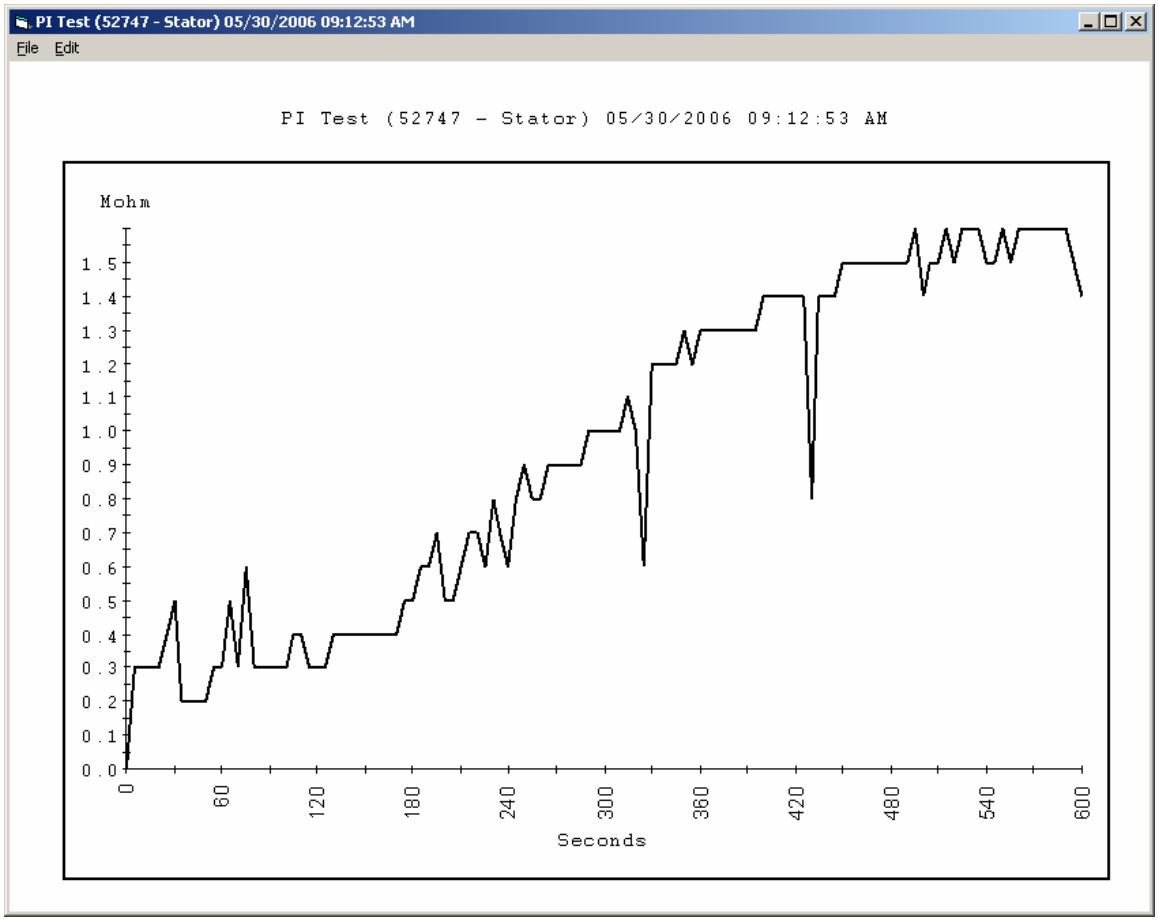
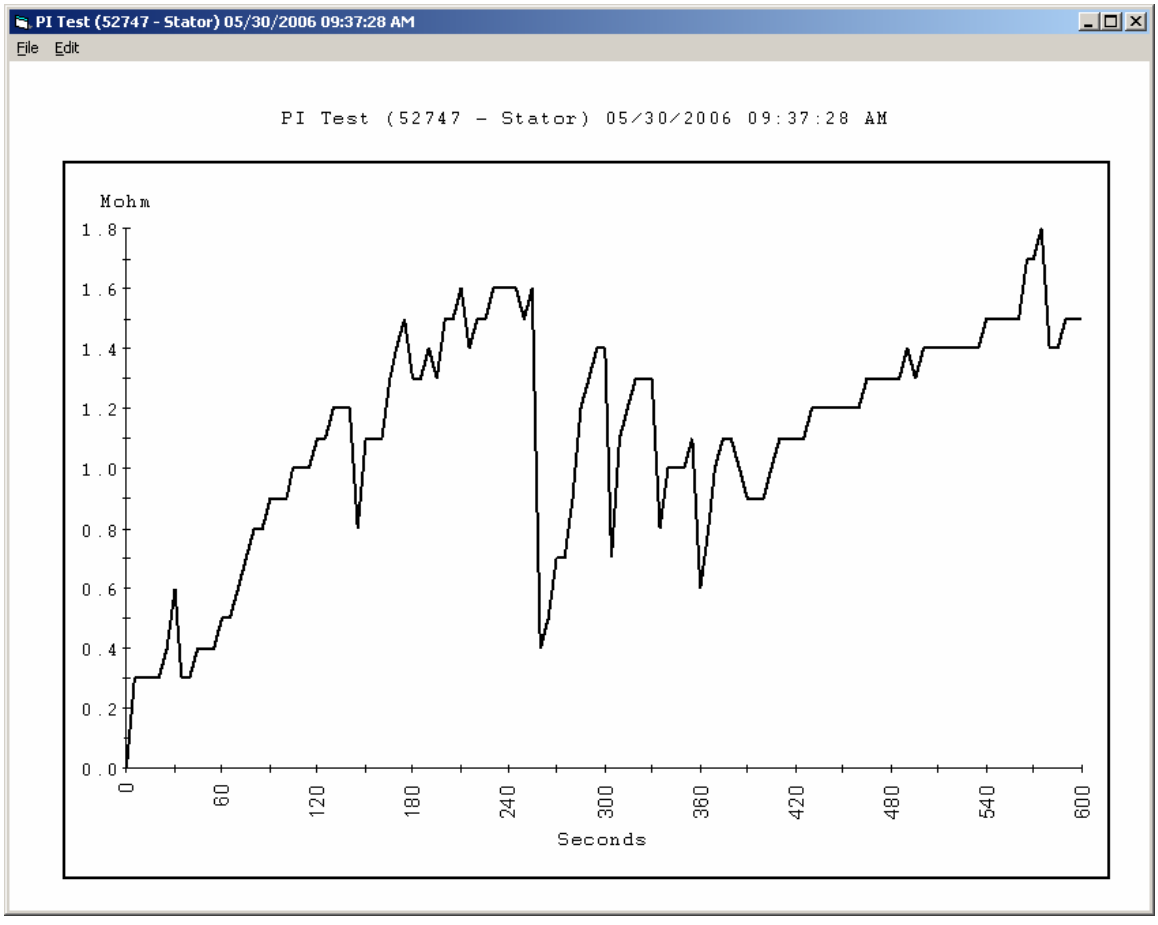
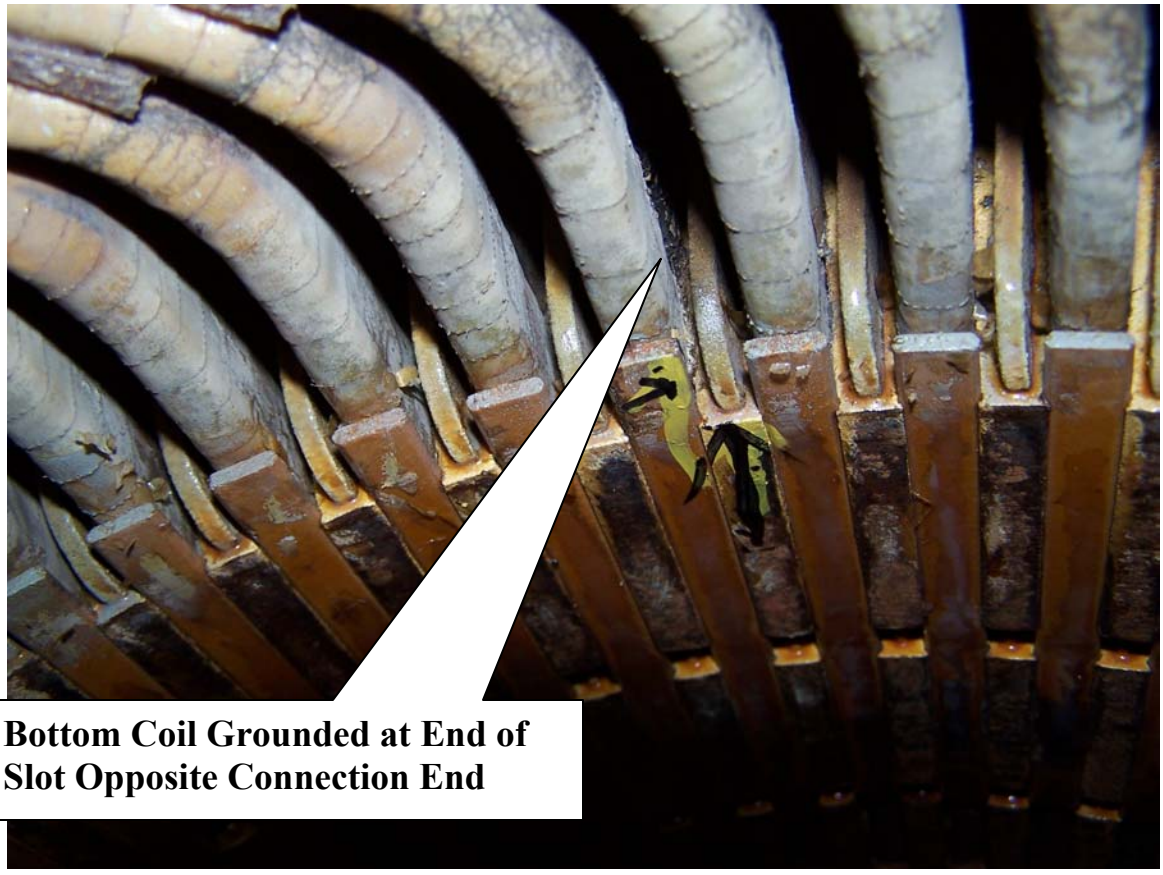





Tracking


Bottom Coil Grounded at End of
Slot Opposite Connection End