

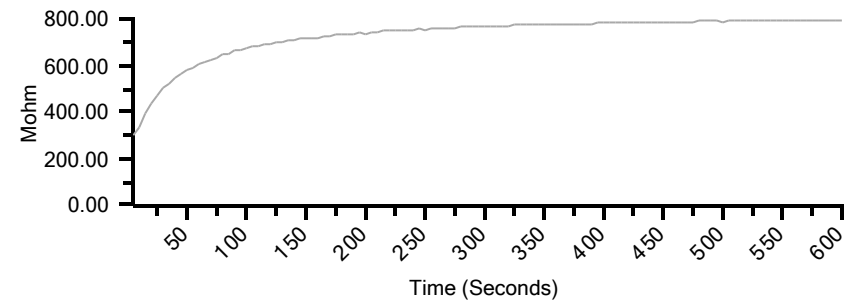
**Report Title** Annual Motor Diagnostics Report  
**Submitted By** Chris Senter  
**Create Date** 07/24/21 10:27 AM  
**Asset Name** #2 Vacuum Pump  
**Description** USG



**Date: 07/21/21 8:02 AM** Dated Test Event

Test Date	08/01/20	07/21/21
Test Time	10:25 AM	8:02 AM
Test Location	Of Fuses Local Disco	Drive Output
Tester Serial	5095	5095
MTap ID		
	Baseline	
Frequency	1200	1200
Charge Time	600	600
Voltage	500	1000
Motor Temp	24	26
Measured Mohm	6235.60	602.94
Corrected Mohm	2100.00	228.00
pF Ph 1 to Ground	93400	87700
ohm Ph 1 to 2	0.02540	0.02610
ohm Ph 2 to 3	0.02540	0.02600
ohm Ph 3 to 1	0.02540	0.02600
mH Ph 1 to 2	1.627	1.590
mH Ph 2 to 3	1.363	1.358
mH Ph 3 to 1	1.598	1.627
Average Inductance	1.529	1.525
% Res. Imbalance	0.00	0.26
% Ind. Imbalance	10.78	10.82

**Test: Polarization Index Test**



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Test Location	Of Fuses Local Disco	Drive Output
Tester Serial	5095	5095
MTap ID		
	Baseline	
Voltage	500	1000
Duration	600	600
D/A Ratio	1.383	1.210
Polar. Index	1.791	1.320

**Remarks:**

The motor has changed very little since last years test as you can see comparing the numbers. I recommend testing in 1 year for more trendable data.