

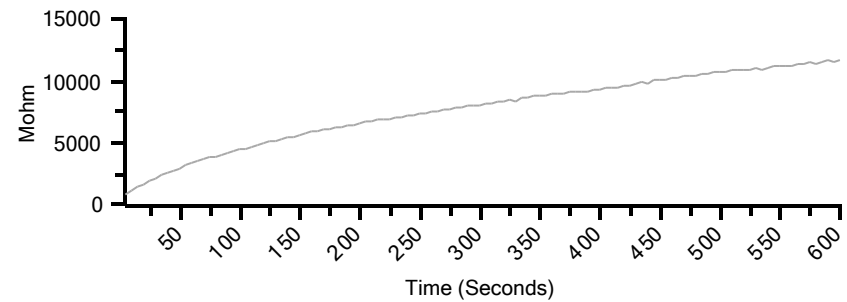
**Report Title** Annual Motor Diagnostics Report  
**Submitted By** Chris Senter  
**Create Date** 07/24/21 7:42 AM  
**Asset Name** TAD #1 MAIN FAN  
**Description** USG



**Date: 07/16/21 9:31 AM** Dated Test Event

Test Date	07/16/21
Test Time	9:31 AM
Test Location	Motor Leads
Tester Serial	5095
MTap ID	
	Baseline
Frequency	1200
Charge Time	600
Voltage	5000
Motor Temp	48
Measured Mohm	3283.95
Corrected Mohm	5700.00
pF Ph 1 to Ground	242700
ohm Ph 1 to 2	0.06180
ohm Ph 2 to 3	0.06180
ohm Ph 3 to 1	0.06180
mH Ph 1 to 2	3.525
mH Ph 2 to 3	3.529
mH Ph 3 to 1	3.529
Average Inductance	3.528
% Res. Imbalance	0.00
% Ind. Imbalance	0.09

**Test: Polarization Index Test**



**Date: 07/16/21 9:31 AM** Dated Test Event

Test Date	07/16/21
Test Time	9:31 AM
Test Location	Motor Leads
Tester Serial	5095
MTap ID	
	Baseline
Voltage	5000
Duration	600
D/A Ratio	1.534
Polar. Index	3.542

**Remarks:**

This 1st test is a excellent base line for the motor. The data shows no indications of any type of faults. I recommend doing annual offline testing to trend the health of the motor.