

Report Title Annual Motor Diagnostics Report

Submitted By Chris Senter

Create Date 07/24/21 7:52 AM

Asset Name TAD #1 EXHAUST FAN

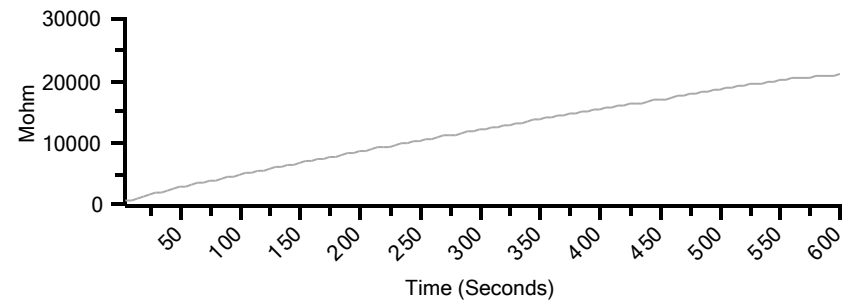
Description USG



Date: 07/16/21 10:45 AM Dated Test Event

Test Date	07/16/21
Test Time	10:45 AM
Test Location	Motor Leads
Tester Serial	5095
MTap ID	
	Baseline
Frequency	1200
Charge Time	600
Voltage	5000
Motor Temp	48
Measured Mohm	3159.62
Corrected Mohm	5500.00
pF Ph 1 to Ground	78800
ohm Ph 1 to 2	0.17320
ohm Ph 2 to 3	0.17310
ohm Ph 3 to 1	0.17300
mH Ph 1 to 2	11.954
mH Ph 2 to 3	11.965
mH Ph 3 to 1	11.922
Average Inductance	11.947
% Res. Imbalance	0.06
% Ind. Imbalance	0.20

Test: Polarization Index Test



Date: 07/16/21 10:45 AM Dated Test Event

Test Date	07/16/21
Test Time	10:45 AM
Test Location	Motor Leads
Tester Serial	5095
MTap ID	
	Baseline
Voltage	5000
Duration	600
D/A Ratio	1.751
Polar. Index	6.620

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.