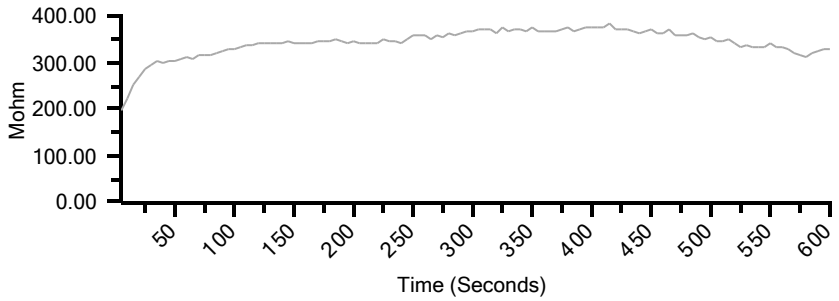
Report Title Annual Motor Diagnostics Report
Submitted By Chris Senter
Create Date 07/24/21 10:04 AM
Asset Name Low Vacuum pump fan
Description USG

HI-SPEED INDUSTRIAL SERVICE
KEEPING YOUR FACILITY UP TO SPEED
EVERY DAY SINCE 1946

Date: 07/20/21 2:17 PM Dated Test Event

Test Date	08/01/20	07/20/21
Test Time	11:18 AM	2:17 PM
Test Location	Of Fuses Local Disc	Bottom Fuses
Tester Serial	5095	5095
MTap ID		
	Baseline	
Frequency	1200	1200
Charge Time	600	600
Voltage	500	1000
Motor Temp	24	30
Measured Mohm	787.84	308.85
Corrected Mohm	260.00	154.00
pF Ph 1 to Ground	40400	42100
ohm Ph 1 to 2	0.05780	0.05780
ohm Ph 2 to 3	0.05790	0.05790
ohm Ph 3 to 1	0.05770	0.05760
mH Ph 1 to 2	3.209	3.208
mH Ph 2 to 3	2.699	3.089
mH Ph 3 to 1	3.018	2.665
Average Inductance	2.975	2.987
% Res. Imbalance	0.17	0.29
% Ind. Imbalance	9.29	10.82

Test: Polarization Index Test



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Test Location	Of Fuses Local Dis	Bottom Fuses
Tester Serial	5095	5095
MTap ID		
	Baseline	
Voltage	500	1000
Duration	600	600
D/A Ratio	1.209	1.045
Polar. Index	1.112	1.057

Remarks:
The motor has not changed much since last test.It is in ok condition. The P.I test is a bit lower than last year, when the P.I test drops below 1 I will recommend changing the motor.