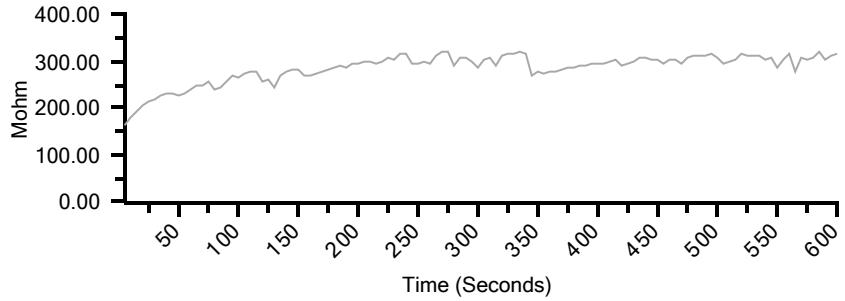
Report Title 2023 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 04/13/23 11:57 AM
Asset Name #3 MIX TANK DISCHARGE PUMP
Description USG Greenville, MS

Date: 04/03/23 9:48 AM Dated Test Event

Test Date	04/02/22	04/03/23
Test Time	10:39 AM	10:48 AM
Test Location	T-Leads	T-Leads
Tester Serial	5095	5095
MTap ID		
	Baseline	
Frequency	1200	1200
Charge Time	600	600
Voltage	5000	2500
Motor Temp	17	18
Measured Mohm	7137.60	237.79
Corrected Mohm	1400.00	51.80
pF Ph 1 to Ground	41100	42200
ohm Ph 1 to 2	1.13360	1.14520
ohm Ph 2 to 3	1.13180	1.14310
ohm Ph 3 to 1	1.13210	1.14340
mH Ph 1 to 2	76.959	70.994
mH Ph 2 to 3	75.799	73.335
mH Ph 3 to 1	76.221	73.469
Average Inductance	76.326	72.599
% Res. Imbalance	0.10	0.11
% Ind. Imbalance	0.83	2.20

Date: 04/03/23 10:48 AM **Test:** Polarization Index Test



Date: 04/03/23 9:48 AM Dated Test Event

Test Date	03/23/21	04/02/22	04/03/23
Test Time	1:24 PM	10:39 AM	10:48 AM
Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
	Baseline		
Voltage	5000	5000	2500
Duration	600	600	600
D/A Ratio	1.447	1.587	1.089
Polar. Index	1.958	2.947	1.320

Remarks: Motor has much lower megohms than last year. We have noticed that most motors were showing low megohms this survey. This motor likely has excessive internal moisture. We recommend performing a meg test after motor has been in operation for a while; however, this may be challenging as this motor runs for a few minutes at a time. Megohms should go up as motor runs. If megohms stay low, then motor will likely need an internal inspection.