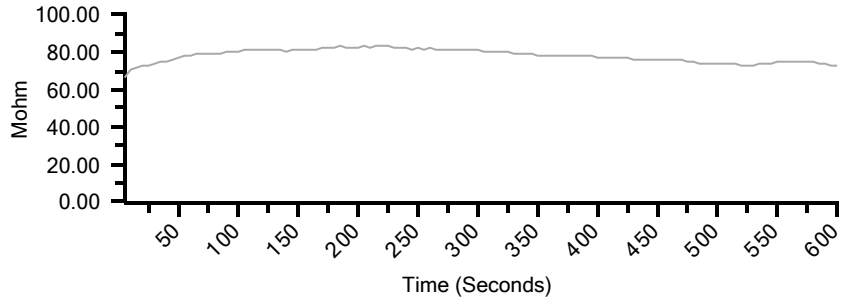
Report Title 2023 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 04/13/23 11:11 AM
Asset Name 1 REFINER
Description USG Greenville, MS

Date: 04/03/23 10:29 AM Dated Test Event

Test Date	03/23/21	04/02/22	04/03/23
Test Time	11:36 AM	9:57 AM	11:29 AM
Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
	Baseline		
Frequency	1200	1200	1200
Charge Time	600	600	600
Voltage	5000	5000	2500
Motor Temp	15	15	19
Measured Mohm	2333.99	2258.88	77.89
Corrected Mohm	413.00	399.00	18.20
pF Ph 1 to Ground	137000	134300	136500
ohm Ph 1 to 2	0.28800	0.28900	0.29230
ohm Ph 2 to 3	0.28780	0.28910	0.29210
ohm Ph 3 to 1	0.28780	0.28890	0.29210
mH Ph 1 to 2	51.319	51.673	53.647
mH Ph 2 to 3	56.994	54.904	57.990
mH Ph 3 to 1	52.976	56.500	55.365
Average Inductance	53.763	54.359	55.667
% Res. Imbalance	0.05	0.03	0.05
% Ind. Imbalance	6.01	4.97	4.19

Date: 04/03/23 11:29 AM **Test:** Polarization Index Test



Date: 04/03/23 10:29 AM Dated Test Event

Test Date	03/23/21	04/02/22	04/03/23
Test Time	12:43 PM	9:57 AM	11:29 AM
Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
	Baseline		
Voltage	2500	5000	2500
Duration	600	600	600
D/A Ratio	1.371	1.410	1.058
Polar. Index	1.908	2.346	0.923

Remarks: This motor appears to have excessive moisture that is causing a very low Polar Index. Motor is also showing low Megohms. due to moisture.