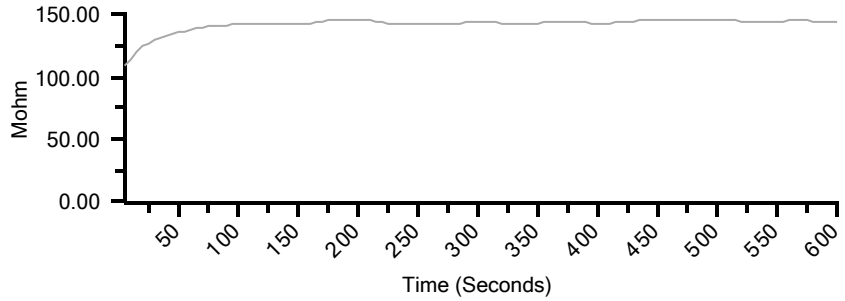
Report Title 2023 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 04/13/23 11:08 AM
Asset Name #2 REFINER
Description USG Greenville, MS

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

Test Date	04/02/22	04/03/23
Test Time	10:15 AM	11:10 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	24	19
Measured Mohm	326.48	137.48
Corrected Mohm	108.00	32.10
pF Ph 1 to Ground	97100	93800
ohm Ph 1 to 2	0.28880	0.29490
ohm Ph 2 to 3	0.28870	0.29470
ohm Ph 3 to 1	0.28870	0.29490
mH Ph 1 to 2	64.681	59.341
mH Ph 2 to 3	66.078	66.454
mH Ph 3 to 1	59.686	63.910
Average Inductance	63.482	63.235
% Res. Imbalance	0.02	0.05
% Ind. Imbalance	5.98	6.14

Date: 04/03/23 11:10 AM **Test:** Polarization Index Test



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

Test Date	07/21/21	04/02/22	04/03/23
Test Time	9:23 AM	10:15 AM	11:10 AM
Test Location	T-Leads	T-Leads	T-Leads
Tester Serial	5095	5095	5095
MTap ID			
Voltage	2500	5000	2500
Duration	600	600	600
D/A Ratio	1.085	1.448	1.067
Polar. Index	1.195	2.374	1.041

Remarks: This motor is megging lower than last year and likely has moisture inside the motor. The refiner motors do not run much which is likely the cause of the low PI and low megohms on both motors. Watching closely.