

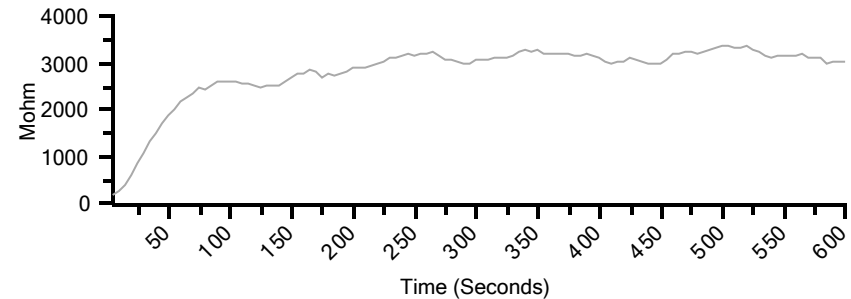
Report Title 2023 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 04/13/23 10:34 AM
Asset Name #2 EFFLUENT PUMP
Description USG Greenville, MS



Date: 04/03/23 11:10 AM Dated Test Event

Test Date	04/02/22	04/03/23
Test Time	9:21 AM	12:10 PM
Test Location	Top Overloads	T-Leads
Tester Serial	5095	5095
MTap ID		
	Baseline	
Frequency	1200	1200
Charge Time	600	600
Voltage	1000	500
Motor Temp	21	19
Measured Mohm	1531.70	2158.04
Corrected Mohm	410.00	500.00
pF Ph 1 to Ground	32900	35700
ohm Ph 1 to 2	0.07410	0.07570
ohm Ph 2 to 3	0.07380	0.07530
ohm Ph 3 to 1	0.07380	0.07550
mH Ph 1 to 2	5.304	4.641
mH Ph 2 to 3	5.162	4.586
mH Ph 3 to 1	4.350	5.478
Average Inductance	4.939	4.905
% Res. Imbalance	0.27	0.26
% Ind. Imbalance	11.91	11.72

Date: 04/03/23 12:10 PM Test: Polarization Index Test



Date: 04/03/23 11:10 AM Dated Test Event

Test Date	04/02/22	04/03/23
Test Time	9:21 AM	12:10 PM
Test Location	Top Overloads	T-Leads
Tester Serial	5095	5095
MTap ID		
	Baseline	
Voltage	1000	500
Duration	600	600
D/A Ratio	2.438	2.008
Polar. Index	8.177	1.402

Remarks: Polar index has decreased significantly from 8.1 to 1.4. This is likely due to internal moisture. It is recommended to open motor junction box and inspect for signs of moisture.