

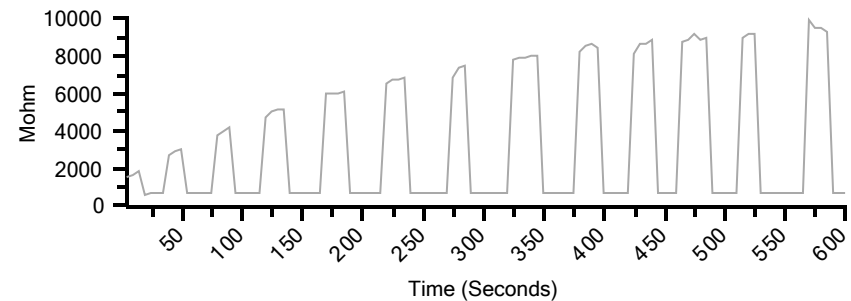
Report Title 2023 PDMA Motor MCE Test Report
Submitted By Administrator
Create Date 04/13/23 10:10 AM
Asset Name Hi prs Water Jet
Description USG Greenville, MS



Date: 04/03/23 1:43 PM Dated Test Event

Test Date	04/02/22	04/03/23
Test Time	11:39 AM	2:43 PM
Test Location	Drive Output	T-Leads
Tester Serial	5095	5095
MTap ID		
	Baseline	
Frequency	1200	1200
Charge Time	600	600
Voltage	1000	500
Motor Temp	40	24
Measured Mohm	21216.30	629.71
Corrected Mohm	21216.30	208.00
pF Ph 1 to Ground	28800	26900
ohm Ph 1 to 2	0.05940	0.05740
ohm Ph 2 to 3	0.05930	0.05750
ohm Ph 3 to 1	0.05930	0.05760
mH Ph 1 to 2	2.594	2.848
mH Ph 2 to 3	2.998	2.952
mH Ph 3 to 1	2.894	2.521
Average Inductance	2.829	2.774
% Res. Imbalance	0.11	0.17
% Ind. Imbalance	8.30	9.13

Date: 04/03/23 2:43 PM Test: Polarization Index Test



Date: 04/03/23 1:43 PM Dated Test Event

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Test Location	Drive Output	T-Leads
Tester Serial	5095	5095
MTap ID		
	Baseline	
Voltage	1000	500
Duration	600	600
D/A Ratio	1.281	1.080
Polar. Index	2.325	1.030

Remarks: There is definitely an issue going on in this motor. The PI test shows windings were tracking to ground during PI test. This is concerning and may be due winding contamination. We highly recommend performing another test at the motor junction box during our 1st quarter 2023 visit that is coming up soon.