

DATE: 5/8/15

Operator: Stephen Mazich

The equipment used for this test was the Motor Control System(MCS). The goal of the test was to measure the energy dissipated as heat into the oil. A rough calculated value of 0.8°C/min rise in oil temperature at 10HP. The VSCADA software was used for this test.

Voltage: 89.4 V

Current: 141 A

HP: 10.4 - 10.8

Time	Oil Temp °F	MC Temp °C	Motor Temp °C
0	77.3	23	23
1	77.5	25	27
2	80.3	26	31
3	81.2	27	33
4	82.7	27	36
5	84.0	28	38
6	85.3	28	41
7	86.9	29	44
8	88.0	29	46
9	88.8	30	49
10	90.9	30	51