

DATE: 4/30/15

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.

Note: Horsepower was lower than anticipated due to a calculation error. Roughly 4HP

Time	Oil Temp °F	MC Temp °C	Motor Temp °C
0	91.3	29	53
1	92.1	29	55
2	93.5	31	60
3	95.1	31	61
4	96.4	32	63
5	97.7	33	65
6	99.2	33	66
7	100.6	34	68
8	101.9	35	71
9	103.5	35	73
10	104.7	35	75
10.5	105	36	75

Voltage:

Current: