HD-Rotofluid Test 1 on Compressor 1.
HD-Rotofluid Test 2 on Compressor 1.
HD-Rotofluid Test 3 on Compressor 1.
HD-Rotofluid Test 4 on Compressor 1 - without temperature regulation.
**HD-Rotofluid Test 5 on Compressor 1** without temperature regulation.

- Power Consumed: \( kW_{ave} = 13.68 \, kW \)
- Sound Pressure Level: \( dB_{avg} = 97.5 \, dB \)
- Ambient Air Relative Humidity: \( %RH = 27.3\% \)
- Volumetric Flowrate (scfm): \( Q_{scfm} = 49.1 \, ft^3/m \)
- Mass Flowrate: \( \dot{m} = 0.0279 \, kg/s \)
- Oil Temperature: \( T_{oil} = 73.2 \, ^\circ C \)
- Exit Air Temperature: \( T_{exit,air} = 32.0 \, ^\circ C \)
- Regulation Valve Temperature: \( T_{valve} = 48.3 \, ^\circ C \)
- Ambient Air Temperature: \( T_{amb} = 24.0 \, ^\circ C \)
- Exit Air Pressure: \( P_{air, out} = 83.23 \, psig \)
- Barometric Pressure: \( P_{atm} = 14.42 \, psig \)