

## LF Vent Pac & Rod Temperature

### Objective and Test Setup

A test was performed on the Cook test compressor to compare heat generation of the LF Vent Pac versus that of BD and WAT vent rings. The compressor was run at 1200 RPM with a suction pressure of about 800 PSI and a discharge pressure of about 1150 PSI. The same set of pressure packing was used with all vent rings. The test ring was placed in the flange, immediately downstream from the vent. Five (5) each of the different style of vent rings were tested.

### Conclusion

On average, WAT rings generate more frictional heat than either BD rings or the LF Vent Pac. In addition, BD rings generate more frictional heat than the LF Vent Pac. Average rod temperatures produced during the test are shown in the chart below.

