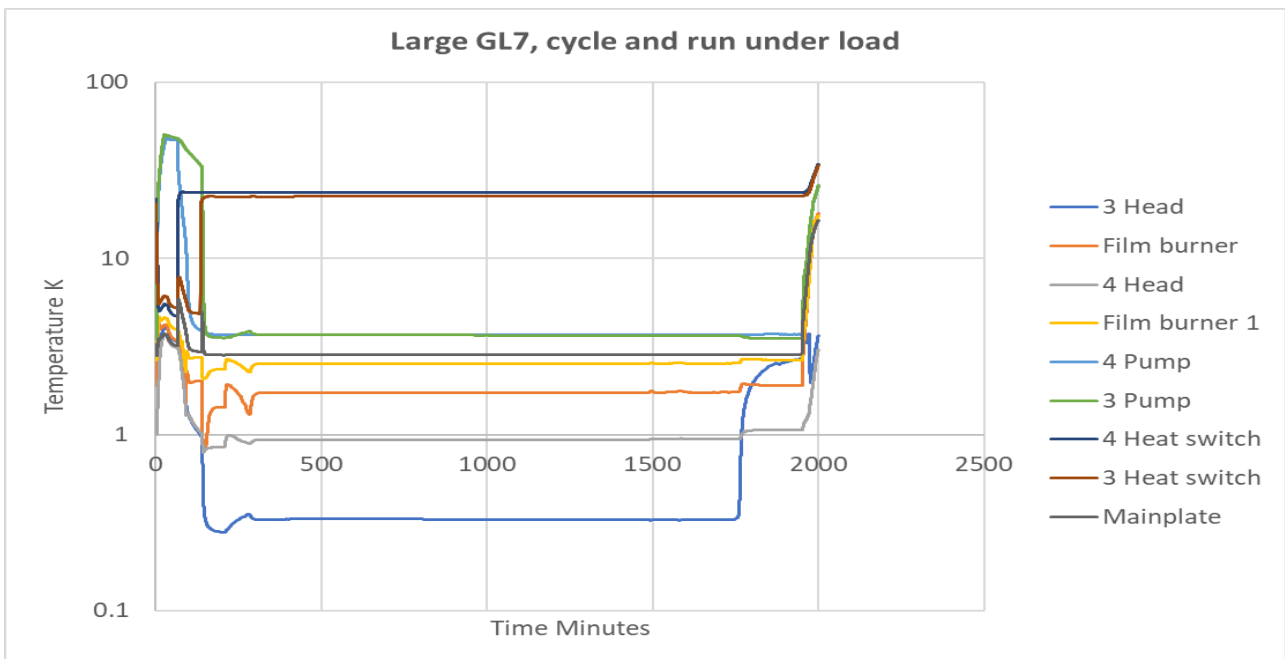




### PERFORMANCE NOTES FOR THE GL7 SORPTION COOLER (Larger version)

The GL7 two-stage sorption cooler is a single-shot cooler that is designed to interface to a low-power GM cryocooler. Here are some typical run data for a large (5 litre  $^3\text{He}$ ) GL7 sorption cooler. With a  $100\mu\text{W}$  load on the 4-head and a  $50\mu\text{W}$  load on the 3-head, this large GL7 typically runs for more than 24 hours and will recycle in around 1 to 2 hours. We make small GL7 systems to meet less demanding load / run time requirements.



Below, a typical load response for the 3-head. Note that the 4-head is also loaded throughout this test with  $100\mu\text{W}$ .

