

CRYOCOOLER SERVICE REPORT

Date of work: 5-8-04

Beamline: 11

Requestor: J. Linton

Vessel serial no: AMG01100/56 **Pump serial no:**

Oxford series: A

Pump operating hours: No counter on controller

Technician(s): D. Burke (mechanical), G. Moonier (restart timer)

Summary of work:

1. Pump bearing replace; impeller gap to 0.020"; bearing run-in per manual
2. Auto restart modification
3. Motor shaft housing cleaned with alcohol (removed slight oily residue)
4. Helium leak check on LN2 side: no leaks found.
5. Evacuate vessel jacket and 3 bayonet fittings

[Link to copy of logbook notes](#)

[Link to LN2 pump manual](#)