

CASE STUDY



AUTOMATIC LUBRICATION

THE PROBLEM

A major mining company purchased and installed some mineral processing equipment which has large bearings that require daily manual grease lubrication by plant personnel. The customer was concerned that the procedure of manually lubricating the bearings may not have been consistently performed. With the equipment being a key component in this customer's process, the risk of failure due to inconsistent lubrication was too high to accept.

THE SOLUTION

Our local HMFT Technical Sales Representative worked with this company to come up with a solution that would give them peace-of-mind by automatically lubricating the large bearings with the right amount of grease at the right time, ensuring the equipment would run optimally.

Due to the temperature sensitivity of the grease, a Graco Electric Dyna-Star pump with a GLC 2200 controller were mounted inside a walk-in cabinet with floor mounted panel heaters to keep ideal temperatures throughout the year. In addition, the series progressive divider valves were mounted in steel enclosures due to the dusty environments of the production area.

THE RESULT

From the engineering, design, and creation of technical documentation, to the installation and training of maintenance staff, we've set this customer up for success. All of this effort resulted in an increase in equipment uptime, which runs 24 hours per day / 7 days a week. Our solution has put this customer's mind at ease and they are very pleased with what HMFT was able to provide them.

EQUIPMENT PROVIDED

- Graco Electric Dyna-Star Pump
- Graco GLC 2200 Controller
- Graco Divider Valves
- Graco Relief Valves
- Winters Pressure Gauge