

Keeping the Paper Rolling: Modernizing a Lubrication System

A leading pulp and paper manufacturer faced a critical challenge: their large paper machine's bearing lubrication system was outdated and unreliable. The lack of precision monitoring threatened to disrupt production with inefficiencies and increased downtime risk. Recognizing the need for a proactive solution, the company turned to Motion Repair & Services and SKF for a comprehensive lubrication system upgrade.

A Phased Approach to Seamless Implementation

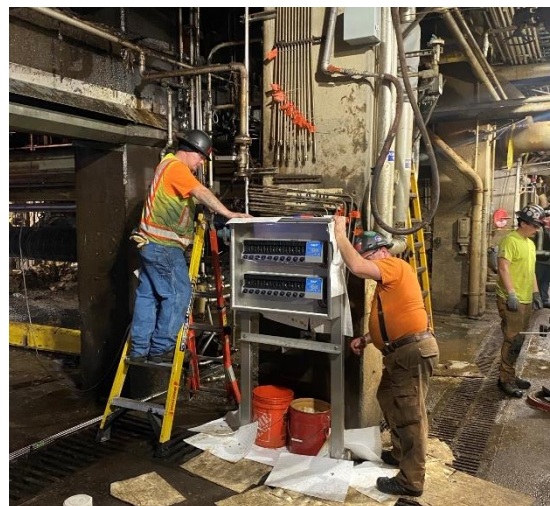
The year-long project, meticulously designed to minimize disruption to the customer's operations, is being executed in phases during scheduled machine shutdowns. Phase 1, recently completed, involved replacing 16 existing flow meter stations with state-of-the-art SKF Flowline Monitor Series meters.

This critical phase encompassed detailed planning, careful removal of outdated equipment, precise installation, plumbing modifications, and thorough system commissioning. Future phases, scheduled throughout the coming months, will focus on replacing the remaining flow meter stations, ensuring a complete system overhaul.

Expertise and Collaboration Drive Success

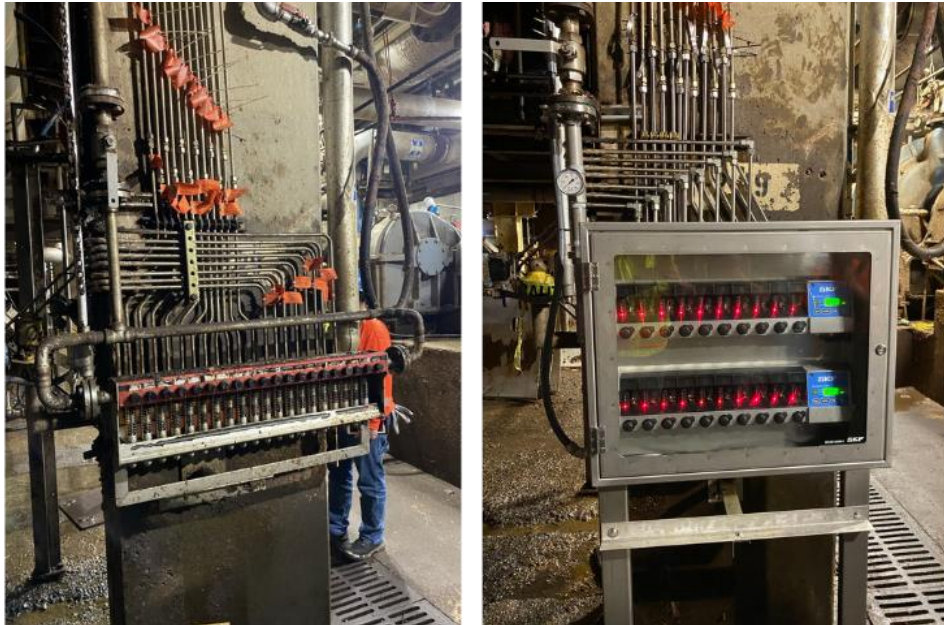
The project's success hinged on the seamless collaboration between key players. Our Oregon branch brought invaluable on-site expertise, project management, and technical execution capabilities. SKF, a global leader in lubrication solutions, supplied their advanced Flowline Monitor Series meters and worked closely with us on the system design.

"Our team's expertise in lubrication systems and commitment to project execution were instrumental in the success of this critical upgrade. This project demonstrates Motion's ability to tackle complex challenges and deliver solutions that keep our customers' operations running smoothly," said Scott Smith, Division Manager at Motion.



Reaping the Rewards: Enhanced Reliability, Reduced Downtime, and Increased Efficiency

The new lubrication system is already delivering tangible benefits. The SKF Flowline Monitor Series meters precisely monitor and control lubricant flow, optimizing bearing performance and extending service life. This translates to enhanced lubrication reliability and significantly reduced risk of unexpected breakdowns and costly production stoppages. Additionally, the modernized system ensures optimal lubrication delivery, minimizing waste and boosting overall equipment efficiency.



Left: Outdated and unreliable lubrication system. Right: New SKF Flowline Monitor Series lubrication meter.

Reach Out Today

Partnering with industry leaders like SKF, we deliver custom lubrication solutions for demanding industrial applications. [Contact us today](#) to discuss how we can optimize your lubrication processes and keep your operation running smoothly.