



RFM-100 LUBRICATOR MANAGEMENT



IMPROVING LUBRICATION ROI

PROBLEM

Despite significant capital investment and ongoing maintenance expenses, we are not realizing the anticipated benefits of our lubrication program. How can remote monitoring help?

SOLUTION

Gauge face lubrication and top-of-rail friction management reduces rail/wheel wear, saves fuel, and improves operational safety. However, a recent survey by a major Class 1 railroad found less than half of wayside lubricators performed as expected. In some cases, product tanks were empty, but many times lubricators were non-functional. Remote monitoring detects problems quickly and significantly improve the ROI of your lubrication program.

MAXIMIZING LUBRICATOR UPTIME

PROBLEM

Wayside lubricators are typically refilled 2 to 3 times per year. If a component fails, it may be months before a critical problem is discovered. How can we know whether systems in the field are working?

SOLUTION

Elecsys solutions include rugged remote monitoring units integrated with a web-based data system that provides continuous monitoring of lubrication systems. If a failure occurs, the Elecsys system immediately notifies the appropriate maintenance personnel via text message or email. This automatic notification allows service providers to rectify issues in a timely manner.

PLANNED OUTAGE FOR TRACK MAINTENANCE

PROBLEM

To prepare for rail grinding or other track maintenance activities, we would like to turn lubrication systems off in advance without the need for extra trips to the field. Can remote monitoring systems help?

SOLUTION

From the Elecsys web-based system interface, an authorized user can schedule "idle" periods to temporarily deactivate specific lubrication systems. This eliminates the need to send crews into the field before and after maintenance to turn lubrications systems off and back on.

SCHEDULING LUBRICATOR REFILL AND REPAIR SERVICE

PROBLEM

Most of our lubrication system servicing is performed by third-party contractors. How can we pro-actively schedule this activity and verify the work is being performed on time?

SOLUTION

Elecsys solutions include functionality that monitors product usage and system tank levels. These tools make it easy to predict when product tanks will need refilling and establish priority for equipment service. The system conveniently sends an automatic notification to management confirming that service activity is complete.