

THE FUTURE OF INDUSTRIAL LUBRICATION

*How Connected Lubrication is
Transforming Equipment Reliability*



THE FUTURE OF INDUSTRIAL LUBRICATION

Connected Lubrication. Smarter Maintenance. Greater Reliability

Industrial maintenance is evolving.

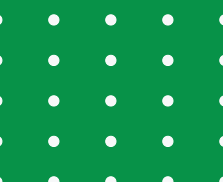
Today's maintenance teams need more than automatic lubricators they need real-time visibility into equipment health, intelligent monitoring, and the ability to prevent failures before they impact production.

Connected lubrication combines automatic lubrication with remote monitoring, predictive insights, and data-driven decision-making to help organisations improve reliability, reduce downtime, and lower maintenance costs.

Inside this guide you'll discover:

- Why traditional lubrication is no longer enough
- How connected lubrication works
- The benefits for maintenance and reliability teams
- How LPR is helping customers modernise their lubrication strategies

Move from scheduled maintenance to intelligent reliability





WHY TRADITIONAL LUBRICATION IS HOLDING BACK OPERATIONS

Many industrial plants still depend on lubrication practices that have changed very little over the past few decades.

Although these methods may seem effective, they often create hidden risks that affect equipment reliability and operating costs.

COMMON CHALLENGES

- ✓ Manual greasing schedules
- ✓ Lubrication only during shutdowns
- ✓ No confirmation that lubrication was successful
- ✓ Problems discovered only during inspections
- ✓ Over- or under-lubrication
- ✓ Increasing maintenance labour

"Most equipment failures don't happen suddenly - they develop over time. The challenge is identifying them early enough to act."



INTRODUCING CONNECTED LUBRICATION

Connected lubrication combines automatic lubrication with cloud-based monitoring and intelligent diagnostics.

Instead of waiting until the next inspection, maintenance teams receive continuous feedback about the condition of every lubricator, helping them identify potential issues before they become equipment failures. **Memolub Connect Pro** supports this approach through remote monitoring, AI-assisted diagnostics, automatic alerts, and secure LoRaWAN and Bluetooth connectivity.



CONNECTED LUBRICATION IN ACTION

Modern connected lubrication systems provide real-time visibility into every lubrication point from a single dashboard.



Monitor Equipment Health

- ✓ Lubricant cartridge level & Battery status
- ✓ Lubricant flow & Mechanical condition
- ✓ Operating temperature & Time until next lubrication cycle

Receive Intelligent Alerts

- ✓ Lubricant levels are low & a lubrication line becomes blocked
- ✓ Mechanical issues are detected & Battery replacement is required
- ✓ A lubrication cycle completes successfully

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WHY CONNECTED LUBRICATION MATTERS

Ideal Applications

**Mining. Crushers. Conveyors. Pumps.
Motors. Gearboxes. Fans. Screens.
Processing plants. Heavy industrial equipment.**

*"The right lubricant, at the right time,
in the right quantity supported by
real-time intelligence."*

- Reduce unplanned downtime & extend bearing life
- Improve equipment reliability & optimise lubricant consumption
- Lower maintenance costs & improve technician safety
- Support predictive maintenance strategies & Access equipment status remotely





CONNECTED LUBRICATION FROM

At LPR Group, we don't simply supply lubrication equipment - we provide complete lubrication reliability solutions tailored to your operation. Our team works with customers to design, implement, and support connected lubrication systems that improve equipment performance and reduce maintenance risk.



Our Services Include

Site lubrication assessments. Automatic lubrication solutions. Connected lubrication implementation. Product selection and optimisation. Installation and commissioning. Technical support. Ongoing system monitoring. Reliability improvement programmes.



READY TO MODERNISE YOUR LUBRICATION STRATEGY?

Whether you're looking to reduce downtime, improve equipment reliability, or take the next step towards predictive maintenance, LPR Group can help.

Contact LPR Group today to arrange a Connected Lubrication Assessment and discover how intelligent lubrication can improve your operation.



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Contact Us Today



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