

FUCHS Industrial Lubricants



SMART TECHNOLOGIES

Automated Fluid Condition Monitoring for Smart Factories

Developmental Project

A configurable solution to automate the monitoring of the lubricants used in your facility that leverages the know-how from the World's Largest independent lubricant company.

Monitoring Capabilities:

- Concentration / Brix
- Conductivity
- Fluid Temperature
- Dissolved Oxygen
- pH

Automated monitoring saves time, reduces waste and improves fluid management efficiency by quickly identifying areas that need attention.

Additional Benefits:

- Data logging capable
- Alert notifications to stakeholders
- Trend analysis
- Control the costs associated with fluid management

Configurable data integration capabilities that is MTConnect compliant:

- Wired – for hardwired connection requirements
- Wireless – quick connection using LoRa technology
- Tank-side sensors enable easy access for system maintenance
- Add sensors at your pace with a highly configurable solution



Visible Shop Floor Status Display

View the metalworking fluid conditions of every machine asset on an online shop-floor status display that can be located anywhere in operating in your facility. Shop-floor visibility with Online Status Display ready technology

Remote Monitoring

Access account fluid condition data from anywhere, anytime.

Wireless & Battery Operated

Industrial grade wireless performance in a battery powered package.

Modular

Modular design enables fast and easy installation and service.

Scalable

With the status display HUB in place, additional sensor packs arrive pre-calibrated and connect automatically.

Customized Monitoring

Fully configurable sensor deployment packs: pH, concentration/BRIX, fluid temperature, dissolved oxygen, and conductivity.

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