Sensei

ENABLED OPTO-MATIC OILER

Reliable Lubrication Meets Smart Monitoring

No more wondering. No more worrying, No more wasting time.

The Opto-Matic® Oiler has earned its reputation as a gold standard in constant level lubrication, trusted by maintenance teams for decades to keep rotating equipment running smoothly. Now, with built-in Sensei® technology, it's not just dependable—it's intelligent.

The Sensei Enabled Opto-Matic Oiler continuously feeds oil at a precise rate while transmitting oil level data in real-time to the Sensei Web App Platform. This means your team can remotely monitor lubricant levels and receive alerts when refills are needed—no more walking the plant floor for routine checks, and no more unexpected failures due to low oil. It's a seamless blend of proven engineering and modern IoT monitoring that empowers proactive maintenance, improves operational uptime, and supports smarter, leaner reliability programs.

Whether you're running a few machines or managing a large industrial plant, this upgrade gives you total visibility into the health of your lubrication systems—all from your desktop.

Real-time oil level monitoring anywhere

Detects unexpected oil consumption

Monitors trends and spots bad actors

Predicts days to oil reservoir empty

Flags issues for corrective action

Reduces unnecessary maintenance trips

Benefits:

- Eliminate non-value added inspections
- Enable condition based maintenance
- Access to new data
- Helps with labor shortages
- Simple retrofit
- Minimize personnel risks
- Enhance reliability
- Early detection of issues
- Discover hidden problems

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From Basic Readings to Better Decisions

The Sensei Enabled Opto-Matic Oiler continuously monitors key parameters to ensure your equipment is properly lubricated and operating in the right conditions.

Oil Level

Continuously tracks oil levels inside the oiler to ensure optimal lubrication. By monitoring the reservoir in real time, Sensei helps you stay ahead of potential lubrication failures and refill needs.

Ambient Temperature

Monitors the temperature surrounding the bearing housing and oiler. This helps detect abnormal heat buildup or environmental shifts that could affect lubricant performance or indicate equipment issues.

Timestamp (Clock)

Each reading is time-stamped to provide full traceability. This allows for trend analysis, historical reviews, and accurate maintenance planning based on real operating conditions.

Sensei Enabled Opto-Matic Oiler connects via an infrastructure using a cellular or Ethernet/LAN Sensei Gateway.

Power at Your Fingertips

Streamlining with Digital Solutions

The Trico Companion Mobile App is designed to seamlessly integrate with Trico's digital solutions, such as Sensei® or the Orbital® Oil Analysis portal. It enables users to input companion information and activities, enhancing the overall functionality of these platforms.

Mobile App Functionality:
➡ Quick and easy installation with guided instructions and system pairing
➡ Easy add other devices to network
➡ Record maintenance activities
➡ Input pertinent information

- Equipment type
- Reservoir size
- Oil type
- Environment
- Breather type
- Seal type
- Oil inspection equipment
- Operating speeds

Download on the App Store

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For more information on Sensei Enabled Opto-Matic Oiler - scan the QR code.