



Lubri- CONT

Cutting Oil Monitoring

Product information

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Lubri-CONT is an automatic monitoring system for water-based cutting oil / lubricant. The pH value and the concentration are measured in real-time.

The display informs the operator on-site and allows immediate action whenever the condition of the lubricant changes. A 4-20 mA output allows connection to process control systems. Easy to install and connect, Lubri-CONT is a complete package offering fast access to the world of automated lubricant management.

- Real-time oil concentration and pH measurement
- Continuous operation
- Plug & Play-Installation:
Install, connect, ready for use
- Low maintenance
- Quick calibration



Highlights

Lubri-CONT consists of high quality industrial grade components. It contains a process refractometer, a pH probe particularly suitable for oil, pH measuring transducer, flow cells and a micro pump.

All components are easily accessible, making the occasional calibration a matter of just a few minutes.

Consistent monitoring with Lubri-CONT is the foundation of effective lubricant maintenance. Rely on the monitored, flawless condition of the cutting fluid, ensuring workmanship of the highest quality. Continuous monitoring can extend the service life of water-soluble lubricants considerably. Less frequent replacement saves money and reduces workload.

Applications



Milling



Drilling



Turning

Technical data

Lubri-CONT

Measured parameters	Concentration in %Brix pH value
Method of measurement	Process refractometer pH electrode, suitable for oil
Operation mode	Continuous, values in realtime
Measurement range	0.0–33.0% Brix pH 4–12
Measurement accuracy	±0.5% Brix ±0.1 pH
Resolution	0.1% Brix 0.01 pH
Ambient temperature	5–40 °C
Signal output	2 × 4–20 mA
Suction height	Up to 3 m
Flow rate	Approx. 10 l/h
Sample quality	Water-soluble cutting fluid Temperature 10–40 °C Filtered with Mesh 100 or finer
Protection rating	IP52
Dimensions (W × H × D)	35 cm × 50 cm × 25 cm
Weight	6.6 kg
Power supply	230 V AC ± 10%, 50 Hz

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