



**MAK<sup>®</sup>**  
LUBRICANTS



# **MAKLubeMonitor**

*Proactive Lubrication Intelligence.*

*Maximise Equipment Reliability  
with **Proactive Oil  
Condition Monitoring***

In today's demanding industrial environment, unscheduled downtime and premature equipment failure can severely impact productivity and profitability. With **MAKLubeMonitor**, we empower you to move beyond reactive maintenance and embrace a proactive approach with our cutting-edge Oil Condition Monitoring services. We transform lubricant analysis into actionable insights, safeguarding your assets and optimising your operational efficiency. Our comprehensive Oil Condition Monitoring solutions analyse lubricating oils and greases to assess both the condition of the lubricant and the health of your equipment. By detecting early signs of wear metals, contaminants, oxidation, and additive depletion, we deliver a robust early-warning system — enabling timely intervention before minor issues escalate into costly failures.

Experience the benefits of proactive maintenance — minimise risks, maximise performance, and achieve unparalleled reliability with our Oil Condition Monitoring Services!



**MAK<sup>®</sup> LUBRICANT SOLUTIONS**

**MAK<sup>®</sup> makes it possible.**

## Key Benefits for Customers



**MAK**  
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Enhanced Equipment Reliability



Optimised Maintenance Intervals



Extended Equipment Life



Reduce Total Cost of Ownership



Improved Operational Efficiency



Data-Driven Decision Making

## Process of Oil Condition Monitoring

Our Oil Condition Monitoring (OCM) process is designed to provide deep insights into equipment health and lubricant performance through a systematic and scientific approach:



### Oil Sampling and Collection

- Representative oil samples from critical machinery
- Ensure proper sampling location, frequency, and contamination-free collection.



### Actionable Recommendations

- Provide data-backed maintenance insights such as optimised oil change intervals.
- Recommend corrective actions to restore lubricant health and extend equipment life, such as filtration, top-ups, etc.



### Laboratory Analysis and Testing

- Conduct a suite of tests to check lubricant condition, wear metals, additive analysis, etc.
- Perform advanced tests in case of troubleshooting and Root Cause Analysis.



### Continuous Monitoring and Trend Analysis

- Monitor oil performance and equipment health over time to detect patterns and emerging risks.
- Establish a robust predictive maintenance program, reducing unplanned downtime and improving asset reliability.



### Data Interpretation and Diagnosis

- Compare results with baseline and do the trend analysis
- Identify early signs of component wear, lubricant degradation, and contamination ingress
- Detect potential failures before they lead to breakdowns



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