



# OIL ANALYSIS REPORT INTERPRETATION WORKSHOP

3-DAY  
TRAINING

## Analyze Your Data to Make Confident Decisions

High-quality oil analysis is one of the most valuable tools in the condition-monitoring toolbox. Oil analysis labs work hard to place critical machine condition data at your fingertips, but it's up to you to take it the rest of the way. In this course, you will learn a systematic approach to translating oil analysis reports into actionable maintenance decisions. You will learn how to select the right tests for measuring the right data points for specific processes, environments and machine conditions. The course also touches on achieving accurate and consistent data collection, removing data noise to accurately identify false results, interpreting elemental analysis and metallurgical composition combinations to detect wear modes, and setting key performance indicators (KPIs) and alarm limits.



## Stop Wasting Money on Oil Analysis

Oil analysis isn't cheap, and neither is the equipment on which it reveals information. Every year, industrial plants pay millions of dollars for commercial laboratories to perform analysis on used and new oil samples. Unfortunately, most of the plant personnel who receive these lab reports do not understand the basics of how to interpret them. In this course, you will learn how to mine your oil analysis data to make confident maintenance decisions.





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## Who Should Attend?

- Machinery Lubricant Analysts
- Lubrication Program Managers
- Lubricant Lab Personnel
- Reliability Engineers
- Predictive Maintenance Specialists



## If You Use Any Of These Machines

- Gearboxes
- Hydraulic Systems
- Compressors
- Final Drives
- Rolling Mills
- Electric Motors
- Paper Machines
- Diesel Engines
- Blowers/Fans
- Process Pumps
- Gas Turbines
- Steam Turbines



## COURSE INFO

- The fee for this training is \$1,195 per person.
- Seating is limited, so we encourage you to register early.
- Walk-in registrations will be accepted as space allows.
- 3-day training

## Course Topics

- Using trend report results to identify potential lubricant failures
- Identifying machine wear and failure modes from report data
- Determining when to change, clean or restore lubricant properties
- Identifying when additives have been depleted
- Using elemental analysis results to determine wear locations and mechanisms
- Selecting correct test packages for collecting meaningful data on in-service lubricants
- Extracting meaningful analysis from test reports
- Determining lubricant condition and actions to ensure optimum lubricant performance
- Identifying when the environment and operation have impacted the lubricant
- Applying a systematic approach to reviewing test results and setting next steps
- Identifying data noise from improper lubricant sampling and diagnosing potential sources
- Identifying a quality lab based upon key standards
- Integrating field test and lab analysis results for developing a lubricant health scorecard
- Applying a systematic approach for quick and effective data interpretation
- Interpreting results for determining base oil and additive health, process and environmental contamination, filter performance and machine wear

**CONTACT US TODAY!**  
**CALL 833-273-6518 OR VISIT**  
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