



OIL ANALYSIS COURSES

DETAILS

The Oil Analysis series was designed to provide customers with the necessary knowledge and practical skills to derive maximum benefit from their oil analysis programs. Taught by experienced industry professionals, the courses focus on lubrication fundamentals, selection of lubricants, lubricant storage and handling, sampling, test methods, interpreting results and managing the data to ensure effective maintenance action.

This Certification Course provides a comprehensive introduction to the key concepts of lubrication and oil condition monitoring, ensuring participants gain the theoretical knowledge and practical skills necessary to implement and manage an effective oil analysis program. Covering everything from lubricant functions and formulations to sampling methods and laboratory test procedures, this course is designed to help technicians, engineers, and maintenance professionals make informed, data-driven maintenance decisions.

Oil Analysis Level I

This course covers fundamentals of Lubrication and Oil Analysis

Course Contents:

- Maintenance Philosophies and Strategies
- The Fundamentals of Lubrication
- The Functions of a Lubricant
- The Basics of Base Stocks & Additives
- Lubricant Applications, Formulations, Specifications
- Lubricant Storage and Handling
- The Oil Analysis Process
- Sampling Methods (lubricant, diesel and coolant)

- The Importance of the Submission Form
- Laboratory Test Methods (including diesel and coolant analyses)
- Understanding the Sample Reports





ASSETMATRIX RELIABILITY