

Oil Condition Monitoring Basics

Clean Lube Solutions' Oil Condition Monitoring Basics course includes interactive presentations, videos and discussion, as well as hands on workshop activities.

COURSE AIM

This course is specifically designed to provide personnel with an awareness of condition monitoring and its effect on machine reliability. After attending this course personnel will also be able to demonstrate good condition monitoring practices & have an understanding of oil analysis techniques and reports

COURSE STRUCTURE

This course is a mix of theory and practical with training exercises and demonstrations and includes interactive presentations as well as hands on workshop activities.

COURSE CONTENT

This workshop is aimed at providing participants with the skills and knowledge to enable understanding of:

- **CONTAMINATION ANALYSIS**
 - >Monitoring for contamination
 - >Cleanliness monitoring & the ISO 4406 Cleanliness code
 - >Wear debris analysis
 - >Target Cleanliness Levels
- **OIL ANALYSIS METHODS**
 - >Types of test
 - >Selecting test methods

YOUR TRAINER—Keith Nicholson



Keith has over 20 years experience in the industrial fluid power and lubrication industries and is dedicated to sharing his sound understanding of, and passion for, lubrication management for heavy industry. With experience gained from a career with companies including RAAF, Pall Filtration, Shell Services & Hydac he now runs his own business, Clean Lube Solutions, which provides specialised lubrication training, products and services to enhance the predictive maintenance needs of major companies within a wide range of industries throughout both Australia and overseas.

Keith is based in Brisbane and has qualifications in Technology & Engineering, Certificate 4 in Training & Assessment & has published several technical articles & case studies as well as presenting at national conferences.

Clean Lube Solutions carries out a range of on-site hydrocarbon training courses that are designed around your site operations and specific requirements.

We are a hydrocarbon management company that is focused on supplying your vital training requirements where they are most needed and to personnel who are in most need of them.

Our courses may be customized to your specific industry needs and may be booked to be held onsite (sufficient numbers required) or at one of our planned classes held in major and regional cities throughout the year.



● OIL ANALYSIS REPORTS

- >Report familiarisation
- >Report interpretation
- >Report case studies
- >Proactive approach to reports

● PRACTICAL

- >Microscopic inspection
- >Wear debris inspection
- >Cleanliness levels
- >Water analysis

ATTENDANCE

All personnel required to interpret and act upon oil analysis reports.

DURATION

1 Day, with appropriate breaks

COURSE MATERIAL

A course manual is supplied to all attendees.

ASSESSMENT

Successful achievement will involve completion of the practical exercises and a pass in a theory exam.

CERTIFICATION

A course certificate is presented upon successful completion

For more information on any of our products, services or training courses please visit us online at:

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