



MAINTENANCE MANAGEMENT TRAINING

Lubrication Management and Oil Analysis

3 day course

Classroom, online or in-house

Course overview

A large share of rotating equipment failures trace back to lubrication that was wrong, contaminated or simply absent, and lubrication is usually the least supervised task on a maintenance schedule. This course gives it the attention it earns. Delegates work through lubricant types and selection, viscosity and additive function, and the contamination control that determines oil life far more than time in service does. Storage, handling and dispensing are covered, since most contamination is introduced by the people topping up. Oil analysis follows: sampling technique, the tests available and what each reveals, and trending results into a decision. The course closes on grease application, on relubrication intervals and on building a lubrication programme.

What you will learn

- Select lubricants by viscosity, additive function and application
- Control contamination through filtration and exclusion
- Store, handle and dispense lubricants without introducing contamination
- Take a representative oil sample
- Interpret oil analysis tests and what each reveals
- Trend results into a maintenance decision
- Set relubrication intervals and build a lubrication programme

Who should attend

- Maintenance technicians and lubrication staff
- Reliability and condition monitoring engineers
- Maintenance planners and supervisors
- Laboratory staff running oil analysis
- Stores staff handling lubricants

Course outline

- 01 The least supervised task on the schedule
- 02 Lubricant types and selection
- 03 Viscosity and additives
- 04 Contamination control and oil life
- 05 Storage, handling and dispensing
- 06 Sampling technique
- 07 Oil analysis tests and interpretation
- 08 Trending, grease, intervals and programme design

Upcoming dates

Dates	Venue	Format	Fee per delegate
25 to 27 November 2026	Harare, Zimbabwe	Classroom	USD 995
1 to 3 February 2027	Online	Online	R6,500
17 to 19 February 2027	Cape Town, South Africa	Classroom	R14,950

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia,



Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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