



On-Site Training

LUBRIGARD CAN TEACH YOU THE SKILLS TO MOVE YOUR MAINTENANCE PROGRAM FROM *REACTIVE* TO *PROACTIVE*.

OVERVIEW

Lubrigard offers a range of training seminars

from courses on Lubrication Management, Equipment Lubrication and Oil Analysis.

Training is key to change

When implementing changes to maintenance procedures and protocols it is important to shape a clear vision, and provide training to ensure that co-workers understand the reason for the change, and why change is important. Training will help co-workers understand how they will benefit from the changes in both the short and long term.

Training helps shape a clear vision

by showing what it will look like when it is done, how job functions and routines will be affected. Most importantly training can highlight what is exciting about accomplishing this change.

TRAINING

If you are asking yourself these questions these seminars are for you

- ▼ ***I am faced with limited resources and a reduced budget. How can I manage my maintenance program more efficiently?***
- ▼ ***Where does oil analysis fit into my maintenance program and how do I make the most from what oil analysis is telling me?***
- ▼ ***Where do I learn proven procedures to run a world-class oil analysis program without having to learn through trial and error.***
- ▼ ***Our oil analysis program is revealing problems. What are the next steps that we need to take to correct them?***



PROACTIVE LUBRICATION MANAGEMENT

Lubrigard On-Site Training



TRAINING

Complete this form and fax back to 905-569-8605 to receive a quote on a Lubrigard seminar.

If you would prefer to have Lubrigard send a technical representative to meet with you and discuss your needs call 1-800-268-2131.

Would you like a Lubrigard representative to contact you?

Yes No

Customize your on-site seminar to meet your training requirements. On-site seminars are charged by 1/2 day intervals (minimum 1/2 day) plus travel costs.

TRAINING REQUEST FORM

Company Name _____

Contact Name _____

Contact Phone _____ Fax _____

E-Mail Address _____

Address _____

City _____ State/Prov _____ Zip/Postal _____

How many **Maintenance Personnel** will be attending the seminar(s) Please list 3 preferred course dates;

- 0 - 5 21 - 50
 6 - 10 51 - 100
 11 - 20 > 100

Date 1: _____

Date 2: _____

Date 3: _____

Please indicate which Lubrigard training seminar(s) you are interested in:

Lubricants

- [3.0] Lubricant Fundamentals – Functions of lubricating oils, refining, base oil properties, additives, synthetics, classification
 [1.0] Grease Fundamentals – Selecting greases, soaps, additives, properties, NLGI grades, performance tests
 [1.0] Lubricant Performance Tests – AN/BN, Pour & Flash point, API gravity, RPVOT, foaming, tribological testing, and more
 [2.0] Lubrication Management – Procuring oils, storage and dispensing, reservoir management
 [1.0] Achieving Lubrication Excellence – Surveys, audits, Proactive maintenance, responsibilities and motivation

Oil Analysis

- [1.0] Oil Analysis Overview – Maintenance philosophies, role of oil analysis, setting goals
 [1.5] Oil Analysis Sampling – determining frequencies, selecting tests, exception testing, best practices for taking oil samples
 [3.0] Oil Analysis Tests – AN/BN, FT-IR, ICP (AA/XRF), viscosity, Karl Fischer, fuel dilution, particle counting, wear particle testing
 [2.0] Oil Analysis Results & Interpretation Basics – Reading sample reports, introduction to interpretation
 [2.0] Oil Analysis Data Interpretation – Case studies exploring oil degradation, contamination and wear & fatigue
 [1.0] Wear Particle Analysis – Particle analysis techniques, morphology, wear regimes, ferrous & non-ferrous particles
 [2.0] Reliability and Technology Integration – knowledge bases, analyzing CBM data, reliability, integration of technologies

Equipment Lubrication

- [1.0] Friction – lubrication regimes, friction, wear mechanisms, controlling friction
 [1.0] Oil and Grease Application – grease fittings & guns, centralized lube systems, constant level oilers, oil mist lubrication
 [1.5] Filtration – Effects of contamination, specifying filtration systems, ratings: absolute vs. nominal, beta ratios, filter efficiency
 [1.5] Equipment Lubrication – Bearings – Lubrication considerations for plain and rolling element bearings
 [1.5] Equipment Lubrication - Gears, Chains & Couplings – Lubrication considerations for gears, chains & couplings
 [1.5] Equipment Lubrication – Hydraulics – Fluid power theory, lubrication considerations for hydraulics
 [1.0] Equipment Lubrication – Compressors & Turbines – Lubrication considerations for compressors and turbines
 [1.0] Equipment Lubrication – Internal Combustion Engine – Engine mechanics, EGR, SAE, API & ILSAC classifications

Total: [] **NOTE:** [7.0] credits is equivalent to a 1 Day course, [3.5] credits is equivalent to a ½ Day course.
Totals will be rounded up to the nearest ½ day.

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