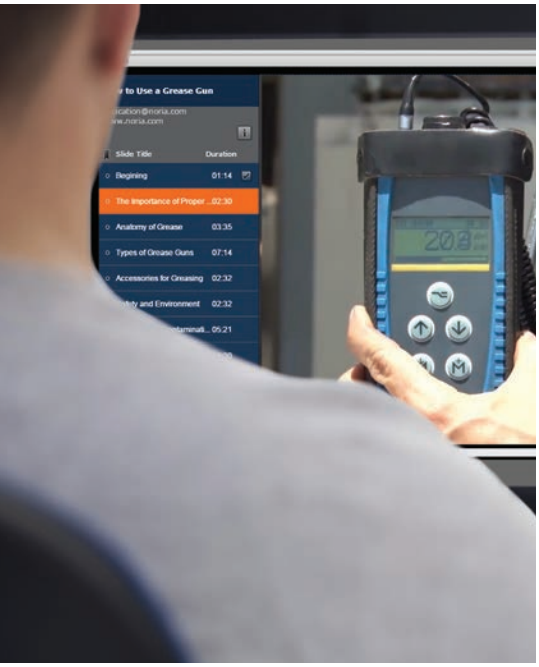


NORIA

ENTERPRISE TRAINING SOLUTIONS

Online learning is a flexible, cost-effective method for onboarding new employees and for getting your team up to speed quickly and in alignment with your organization's commitment to machine reliability.

ENTERPRISE ONLINE LEARNING

Bring online machinery lubrication and reliable skills training to your entire company. Noria can host the training content on your Learning Management System (LMS) or provide a private, customized learning portal for your team. Noria's online learning solutions provide the following features:

- Certification training available.
- Pre/Post assessments, quizzes, and student aids included.
- Volume pricing.
- Ability to extend licensing period (beyond standard one-year).
- Extended manager student administrative capabilities.
- Flexible deployment: Hosted by Noria or LMS-integrated (via AICC, SCORM or xAPI).
- Company branded learning portal.
- Multilingual subtitle capabilities are available (price may vary).

Flexible Deployment

Our modules are compliant with all training industry standards. We can successfully implement the following reporting formats: AICC, SCORM 1.2 and xAPI (Tin Can). If you don't have a LMS, ask us about a no-hassle, branded solution for your organization.

Custom Online Learning

Noria's custom online learning solutions allow us to address your specific needs. Our team works closely with you to create a learning plan that meets your short and long-term goals.

Curriculum Licensing

Prefer to train your own team or integrate Noria content into your existing training programs? Would you like to utilize Noria content at your college or technical training center? Ask us about our curriculum licensing solutions and train-the-trainer options.

Onboard new employees

Create a reliability-focused culture

Train employees in multiple geographic locations

Realign core reliability knowledge between cross functional teams

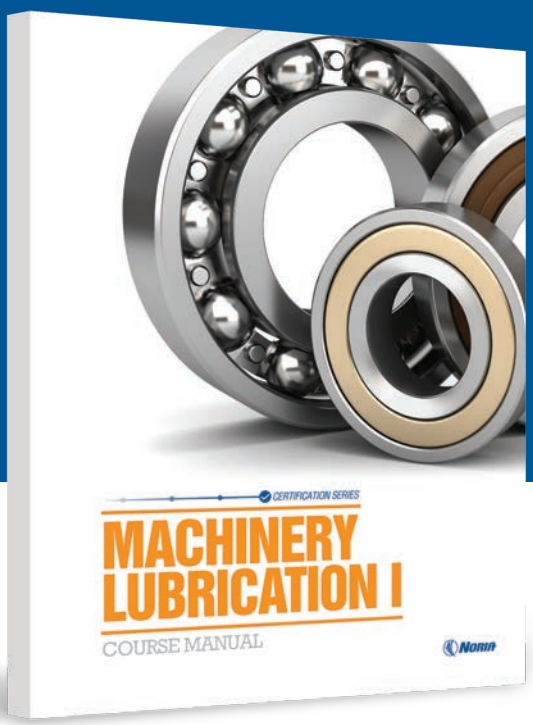
MACHINERY LUBRICATION I

Gain Essential Understanding For Maintenance, Lubricant Selection And Filtration

Machinery Lubrication I (ML I) provides the essential concepts behind best lubrication practices and machine maintenance. Through ML I, students can move away from the "old school" methods of vague, non-specific lubrication procedures and understand what to do and why there is a right way to do it.

Individuals who take this course get much more than pointers on lubricating a machine – they learn the crucial relationships between lubricant health and machine reliability so they can perform maintenance tasks, knowing their impact.

What's more, ML I students gain better understanding of oil analysis and lubricant problems, so they can scout out potential failures, work toward more efficient machine performance and provide better defense against downtime. They will complete the course understanding how even simple tasks or inspections done right can significantly extend machine life and cut costs.



For a complete course description, and to download the brochure visit Noria.com/train.

Course Topics

- How Lubrication Affects Machine Reliability
- Lubrication Fundamentals
- Additives, Base Oils and Grease Thickeners
- Lubricant Performance Properties
- Additive Functions
- Food-grade and Environmentally-friendly Lubricants
- Grease and Oil Lubrication Methods
- Lubricants & Fluids for Journal/ Rolling-Element Bearings, Gears, Automotive, Compressors, Steam/ Gas Turbines, Hydraulics
- Contamination Control
- Oil Drains, Flushing and Reservoir Management
- Storing/Handling Lubricants

Get Certified

Machinery Lubrication I prepares students student for ICML Level I MLT I and Level I MLA I certification and aligns with ICML MLE certification.

> "You may think you know what you're doing, but this class brings things you never considered to light."
>
> - Clayton Smith, USN

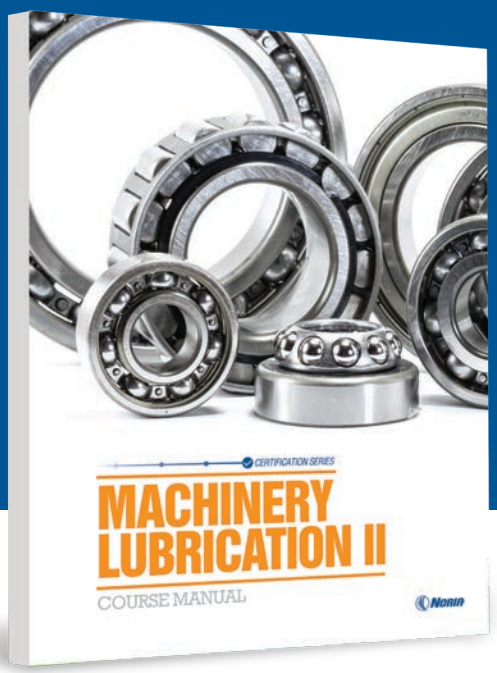
MACHINERY LUBRICATION II

Manage Your Lubrication Program With Expert Selection, Storage Design And Contamination Control

Machinery Lubrication II (ML II) explores lubricant properties, system design and troubleshooting lubricant failure. Building on ML I, ML II brings students to a level where they can apply their understanding of lubrication to selecting the right base oils, greases, additives and equipment for their facility.

Where ML I introduces students to causes of machine wear and lubricant damage, ML II prompts them to analyze machines for wear symptoms and select lubricants and additives to counteract or prevent damage.

By the time they complete the course, ML II students will be able to distinguish the appropriate lubricants and additives for every application in their workplace, guide staff in conducting basic maintenance, and analyze machine/fluid indicators for potential problems. They will leave this class with concrete action items for improving their plant's lubrication and good strategies for getting staff behind them.



For a complete course description, and to download the brochure visit Noria.com/train.

Course Topics

- Lubrication Preventive Maintenance Optimization and Design
- Troubleshooting Lubrication Problems
- Lubrication and Oil Analysis Metrics
- Oil Drains, Flushing and Reservoir Management
- Accessorizing New Equipment for Lubrication Excellence
- Lubricating Grease and Oil Application
- Advanced Lubrication Techniques
- Base Oils
- Viscosity and Viscosity Index
- Oxidation and Thermal Stability
- Air Release and Foam Control
- Lubricant Degradation
- Lubricant Selection and Consolidation

Get Certified

Machinery Lubrication II prepares students for ICML Level II MLT II certification and aligns with ICML MLE certification.

> "Got me prepared for the next level of world-class reliability."
>
> - Donald Godin

FOOD PROCESSING EQUIPMENT LUBRICATION

Course Description

When it comes to food processing, effective lubrication is fundamental to reliable and efficient manufacturing. When the Food Safety Modernization Act (FSMA) was enacted in 2011, manufacturers contributing to the creation of food, pharmaceuticals and dietary supplements were mandated to implement systems and controls that specifically address the hazards which impact the safety of the food supply. This new law puts the burden on the individual company's CEO and board of directors to ensure that the food produced is safe. The implementation of the Hazard Analysis and Critical Control Points (HACCP) and the Hazard Analysis and Risk-Based Preventive Controls (HARPC) emerged as primary guiding principles, shifting the focus on responding to contamination in the U.S. food supply to prevention.

Where Does Your Lubrication Program Fit In?

When it comes to the lubrication and lubricant contributions to FSMA, facilities need to implement, follow and maintain several procedures to ensure compliance. These steps range from creating a dedicated maintenance team and documented procedures to using the right lubricants and properly applying them. Facilities also need to understand the various contamination types (biological, physical and chemical threats), along with ensuring their lubrication program uses a lubricant identification system and proper lubricant storage and handling. At the end of the day, you need to ensure that your lubrication program can be held accountable for meeting the FSMA legislation.

Course Topics

- How To Develop A Plan For Assessing Current Food-Grade Lubricant Use
- How To Conduct A Hazard Analysis And Critical Control Points (Haccp) Review Of Your Lubrication Program
- How To Develop Compliant Standard Operating Procedures
- How The Various Food-Grade Lubricant Requirements And Consequences Of Non-Compliance Contribute To The Biological, Chemical And Physical Risks Outlined In Fsma
- How To Prepare For An Fda Inspection And Know What You Will Need For An Fda Inspection

Get Certified

Food Processing Equipment Lubrication aligns with ICML MLE certification.

> "This course was a good step for our facility on this new journey to build our lubrication reliability program."
>
> - Ryan Carr, Reliability Engineer, Pfizer

RELIABILITY SKILLS SERIES

Reliability Skills Series Online

Quickly provide fundamental and best-practice training to everyone in your plant or your entire company with these great online lessons.

How to Use a Grease Gun explains that while the grease gun is one of the most widely used tools for machinery lubrication, few are trained on grease gun best practices. When used or loaded improperly, the grease gun can become a safety risk to both the lubrication technician and the machine.

How to Grease a Motor Bearing provides plant personnel with an overview of the best practices for lubricating electric motor bearings. Use it to train operators, lubrication technicians, mechanics, electricians and maintenance personnel for years to come.

Introduction to Lubrication Fundamentals provides a solid foundation on the basics of industrial lubricants and tribology, including oil and grease properties, additives, synthetics, mineral oils, lubricant oxidation, and many other important topics.

Best Practices for Oil Sampling shows you how to design and implement a world-class oil sampling program that will deliver better results and help you focus on improving equipment reliability.

Best Practices for Lubricant Storage and Handling provides procedures you can implement right away. From delivery to dispensing to filling the machine, you'll learn the very best practices for new oil storage and handling.

Lubrication Basics for Machinery Operators offers lubrication basic training, including how to recognize the early signs of lubrication-related problems, grease gun basics and safety, checking oil levels, cleaning and inspecting machinery, oil leak inspections, and more.

Add it to your course registration or visit **store.noria.com**.

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