

Quality Lubrication Optimizes Reliability

You will learn to:

- Slash lubrication - related failures by up to 90%
- Maximize the life of your lubricants
- Properly flush out machines - when it's necessary, flushing fluids, temperatures, procedures
- Know when and why to use a synthetic lubricant
- Ensure bearings get the right grease in the right amount at the right time

For the following machines:

- Gearboxes
- Hydraulic Systems
- Bearings
- Compressors
- Electric Motors
- Diesel Engines
- Paper Machines
- Process Pumps
- Steam Turbines
- Gas Turbines
- Blowers/Fans
- Rolling Mills

For the following positions:

- Maintenance Personnel
- Predictive Maintenance Techs
- Reliability Engineers
- Lubrication Engineers & Techs
- Mechanics
- Equipment Operators
- Maintenance Managers
- Operation Managers
- Vibration Specialists
- Manufacturing Engineers
- Industrial Engineers
- Lab Analysts

Course Date: Jan 12th - 14th, 2011

Time: 8:30AM - 4:30PM Daily

Course Cost: \$1,195 per person

Location: Lakeside Process Controls
5250 Orbitor Dr.
Mississauga, ON,
L4W 5G7

Seating is limited. If you're interested in writing the ICML (International Council for Machinery Lubrication) exam please let us know. All course materials, lunches, refreshments and snacks will be provided.



Presented by Jim Fitch



Jim is the CEO and Chairman (1997-present) of Noria Corporation, a Global leader in technical consulting and education in the fields of lubrication, tribology, machine reliability, and oil analysis. Business offices and operations in 25 countries. Publishers of Machinery Lubrication magazine. Noria educates thousands of people each year. World's leading lubrication and oil analysis consulting organization. Noria is a vendor-neutral organization.

Course Agenda

- Efficiency indicators of lubricants
- Effects of lubrication on machine reliability
- Application methods of lubricating oils
- Storing, handling, and managing lubricants
- Troubleshooting lubrication problems
- Lubricating grease and application methods
- Draining, flushing, and cleaning of reservoirs
- Optimizing lubrication and preventive procedures
- Lubrication fundamentals
- Turbine lubrication
- Contamination control
- Leakage stability
- Lubricant selection
- Analysis of used oils And more

"The course taught us new techniques and we were able to significantly improve our lubrication methods and extend life of the lubricants we use. This is an investment that pays off immediately..."

**Duane Samson,
Mechanical Supervisor
AVCELL Inc.**