



Lubrication Academy

2 Day Course



Knowledge to Increase Your Reliability and Availability

Our Rotating Equipment Lubrication course provides the most advanced and up-to-date knowledge available to assist plants through these changing times.

Power, petrochemical, and gas compression plants have very specific operating conditions and lubrication requirements. The industry has undergone rapid changes over the last decade as lubricant manufacturers have reformulated products to keep up with the developments in rotating equipment technology. These changes have spread throughout the industry.

The result is that the oil condition monitoring tools and contamination control technologies that have been successful in the past are not necessarily relevant today.

Over the course of 2 days, you will receive the latest research on plant lubrication, providing attendees with valuable tools that can be implemented upon return to their plant. This course will immediately impact your plant's reliability and availability by maximizing your oil performance.

Course Outline

Lubrication Academy illustrates knowledge by showing a dozen real-world case studies, cutting edge research and brand-new content. You'll come away from the course with technical answers to the following questions:

- How do I select the best turbine oil for my application?
- What tests can I run to determine the mode(s) of failure in my lubricant?
- What proactive steps can I take to stop this mode of failure?
- Why is my fluid developing varnish?
- How is my varnish test related to actual varnish in my system?
- Under what circumstances is it worthwhile to do a bleed-and-feed?
- What are the most important oil analysis tests that I should be running & what actions do I take on the results?
- How can I extend the life of my lubricant without sacrificing performance?
- What varnish filtration technology is appropriate under what conditions?
- What's the future look like for oil formulations?
- Should I change out my oil or not?
- What really is the Remaining Useful Life of my lubricant?
- What is electrostatic spark discharge and how will it impact your plant?
- What does root cause analysis of oil failure look like?
- What is the impact of varnish to the reliability, availability and maintenance costs of your plant? What about the entire industry?
- What common contaminants found in both compressor and turbine applications will cause severe varnish that is not detected through routine varnish testing?
- How can you view your plant's lubricant's holistically?

Our courses have been attended by hundreds of people from over 20 countries, including companies such as:





→ Atlantic City, New Jersey September 17-18, 2013

Atlantic City is the playground by the sea offering visitors fantastic entertainment options. Whether you'd like to try your luck in the casinos, take in a show, stroll down the world-famous boardwalk or cool off in the Atlantic ocean under the glowing late-summer sun, your stay in AC will be memorable.



Fluitemc will be donating 10% of the proceeds from Lubrication Academy to Jersey Cares to support the rebuilding efforts from Hurricane Sandy.



\$995

per person
*Accommodations
not included*

SCHEDULE
Sept. 17, 8:30 am -
Sept. 18, 5:00 pm

Price includes seminar proceedings and reference papers. Lubrication Academy will be held at the Borgata Hotel Casino & Spa offering an unparalleled travel experience on the East Coast. The 2,000 room stylish casino-hotel, located at Renaissance Pointe, presents a destination designed to rival those once found only in cities such as New York City.

Please contact us today to register

Contact us at marketing@fluitemc.com to register or visit our website for more information: www.fluitemc.com

Instructors



MR. GREG J. LIVINGSTONE

With more than 40 published papers covering condition monitoring and contamination control, Greg is a recognized expert on lubricant degradation, varnish formation & turbine oil analysis. He is past-Chair of ASTM D02.C01 on Turbine Oil Analysis & Problem Solving, and Chair of STLE's Power Generation Section. Greg is also a Certified Lubrication Specialist.



DR. DAVE L. WOOTON

Dave has a PhD in Chemistry plus more than 60 publications and patents to his name. He is widely recognized as an expert in lubricant analysis, research and additive formulation. He is an independent consultant for several large power companies and in this role has developed invaluable real-world experiences. He is also Chairman of D02.96.03 FTIR in-service Oils and was involved in multiple additional committees within ASTM.



DR. CRISTIAN SOTO

Cristian is director of Fluitemc's Science & Technology team. He has a PhD from the University of Wisconsin - Milwaukee in Physical Chemistry-Surface Science. He received a post-Doc from the Swiss Federal Institute of Technology leading research on lubricant additives & tribology. He has held leadership R&D roles at Nalco & Whirlpool. He has several published peer reviewed papers and patents in tribology and material science.

Who Should Attend

Rotating Equipment Plant Personnel

- Maintenance Managers
- Condition Monitoring Specialists
- Operations Managers
- Reliability Engineers
- Plant Managers

Rotating Equipment Plant Suppliers

- Oil Analysis Laboratories
- Filtration Specialists
- Lubricant and Additive Manufacturers
- Reliability Experts
- Consultants

