



## Xpert™ Services

### OMA Training & Certification Course

*LE Brings Together Expert Instructor & State-of-the-Art Facility To Help You Build Foundation of Knowledge at Your Plant*

#### Overview & Benefits

Oil Monitoring Analyst (OMA) is an independent certification for the lubrication professional that recognizes those individuals who possess current knowledge of lubrication analysis and machine condition monitoring in industrial settings.

This course is good preparation for the OMA certification exam, and is an excellent lubrication analysis course that will give you the tools to be more effective in your job.



*The OMA course is for those who desire the high level of knowledge affiliated with one of the industry's most well-known certifications.*

#### Who should attend?

- Equipment operators
- Lubrication technicians & engineers
- Maintenance managers & supervisors
- Reliability engineers
- Operations managers
- Predictive maintenance technicians
- Manufacturing and industrial engineers
- Oil analysis personnel
- Lubricant consultants

#### Expert Instructor

LE partners with third party instructors who are knowledgeable, experienced and active in the industry, ensuring that you will receive an unbiased course focused on education and training.



*LE's training facility features tiered seating, two large video screens, Wi-Fi capability and other amenities.*



## The OMA course will cover all topics of STLE's Oil Monitoring Analyst Exam.

### Course Content

#### Fundamentals of Lubrication

- Friction & Wear
- Lubricant Composition
- Mineral & Synthetic Oils

#### Lubrication & Troubleshooting Key Equipment Types

- Bearings & Gears
- Hydraulics & Compressors
- Turbines
- Mobile Equipment
- Natural Gas Engines
- Contamination Control

#### Basic Principles of Oil Analysis

- Program Design
- Sampling Best Practices
- Lubricant Condition Tests
- Non-Routine Tests for New Oils
- Performance Tests for New Oils
- Wear Debris Analysis
- Selection of Test Slate by Equipment Type

#### Evaluation of Oil Analysis Reports

- Setting Warning Limits
- Statistical Tools
- Trending
- Oil Analysis Troubleshooting Techniques by Equipment Types
- Analysis of Problem Reports
- Group Evaluation of Reports

#### Additional Information

- Review of Standard Practice In-Service Mineral Turbine Oils for Steam and Gas Turbines – ASTM 4378
- Review of Standard Practice for Lubricating Oil for Auxiliary Power Plant Equipment – ASTM 6224



### Wichita Course Details

**Location:** Lubrication Engineers Training Facility, 1919 E. Tulsa, Wichita, KS 67216

**Schedule:** 8 a.m. to 5 p.m. days 1-2, with optional STLE exam from 8 a.m. – noon on day 3

**Cost:** \$999 for 2-day seminar in Wichita (includes continental breakfast, beverage & lunch). Optional STLE exam on morning after class is not included in this class fee.

**Register & Check for Dates:** Online -

[www.LElubricants.com/education-training-oma1.html](http://www.LElubricants.com/education-training-oma1.html)

### Optional STLE Exam Registration

STLE requires one year of experience utilizing oil analysis in the field of lubrication and 16 hours of formal training in oil monitoring analysis in order to test for OMA I.

Qualified candidates should contact STLE, in advance of the training, at 847-825-5536 or go to [www.stle.org](http://www.stle.org) to register for testing. The testing fee is \$440 for STLE members, \$590 for non-members.

### Hotel Accommodations

Please make reservations at the hotel of your choice. Although accommodations are not included in the course fee, LE recommends Hotel at Oldtown (316-267-4800 | [www.hotelatoldtown.com](http://www.hotelatoldtown.com)). For a list of additional hotels in the Wichita area, visit [www.gowichita.com](http://www.gowichita.com).

### Private Group Training Details

Private group training can be scheduled for a 2-day seminar in Wichita or at your facility upon request with optional exam on the 3rd day; contact us for a quote.