



2013 Training Program Guide & Schedule



Providing the tools you need to improve your maintenance program!

Program Overview

Our one-day, exclusive workshops are presented in a relaxed atmosphere where participants are encouraged to interact with our trainers and other maintenance professionals. You gain the knowledge and skills necessary to improve the oil, fuel, coolant, and condition monitoring sectors of your maintenance program. Implement practices and develop advanced skills that help you reduce maintenance costs and decrease downtime, improve the reliability, maximize the life, increase the resale value, and protect the warranty on your equipment.

Who Should Attend

- All maintenance professionals
- Plant technicians
- Tradespeople and fitters
- Maintenance engineers
- Condition monitoring personnel
- Lubrication engineers

Program Objectives

- Effective interpretation of analysis results
- Types and function of various additives
- Tests performed and their significance
- Indicators and causes of contamination

Sample Agendas

Oil Analysis & Condition Monitoring

- About ALS
- Training objectives and the role of oil analysis
- Classification and properties of oil
- Tests performed and their significance
- Oil cleanliness and particle analysis
- Taking an oil sample
- Troubleshooting and predictive maintenance
- Establishing specific alert levels
- Interpretation of results
- Webtrieve online software
- Case studies
- Review and questions

Coolant Testing

- Engine coolants – changes through the years
- Properties of coolants
 - Conventional coolants
 - Extended life coolants (OAT technology)
 - Hybrid coolants (NOAT technology)
- Tests methods for coolants
- Proper coolant sampling techniques
- Symptoms of cooling system failure
- Coolant tests guidelines
- Coolant report review
- Toolbox tools to maintain cooling systems

Fuel Testing

- Why test your fuel
- The importance of fuel cleanliness
- Classification and properties of fuel
- Fuel tests performed and their significance
- Fuel problem symptoms
- Proper fuel sampling techniques
- How to read the analysis report
- Review and questions



2013 Training Schedule

Date	Day	Location	Training Topic(s)
May 7	Tuesday	Atlanta, Georgia	Oil Analysis
May 8	Wednesday	Atlanta, Georgia	Coolant & Fuel
June 4	Tuesday	Sparks, Nevada	Oil Analysis
June 5	Wednesday	Sparks, Nevada	Coolant & Fuel
July 16	Tuesday	Kansas City, Kansas	Oil Analysis
July 17	Wednesday	Kansas City, Kansas	Coolant & Fuel
September 17	Tuesday	Cleveland, Ohio	Oil Analysis
September 18	Wednesday	Cleveland, Ohio	Coolant & Fuel

Meet Your Instructor



Ed Eckert, CLS, OMA I, has over 19 years of experience in the oil analysis industry. His expertise in oil analysis is derived from his extensive history with ALS Tribology as laboratory manager, diagnostician, technical service representative, and through his current position as diagnostics manager. Ed has earned both Certified Lubrication Specialist (CLS) and Oil Monitoring Analysis (OMA I) STLE certifications. His previous experience includes serving in the U.S. Navy as an Engineman (E-5).





YES! PLEASE REGISTER ME FOR THE ALS ONE-DAY TRAINING COURSE SELECTED BELOW

~ **REGISTER EARLY! LIMITED ENROLLMENT, SMALL CLASS SIZES!** ~

\$275 (USD\$) / \$275 (CAD\$) Registration Fee (per workshop)

Registration includes a comprehensive set of printed training materials, lunch, and a tour of the laboratory.

Personal Information

Full Name		Job Title	
Company Name			
Address			
City, State Zip			
Telephone Number		E-Mail Address	

Workshop Information (please select training date(s) below)

<input type="checkbox"/> May 7-8, 2013	Atlanta, Georgia	Oil Analysis, Coolant & Fuel
<input type="checkbox"/> June 4-5, 2013	Sparks, Nevada	Oil Analysis, Coolant & Fuel
<input type="checkbox"/> July 16-17, 2013	Kansas City, Kansas	Oil Analysis, Coolant & Fuel
<input type="checkbox"/> September 17-18	Cleveland, Ohio	Oil Analysis, Coolant & Fuel

Payment Information (\$275 per course checked above)

<input type="checkbox"/>	Check Enclosed (<i>please make checks payable to ALS Tribology</i>)	Total Amount	
<input type="checkbox"/>	Credit Card	<input type="checkbox"/> Visa	<input type="checkbox"/> MasterCard
		<input type="checkbox"/> American Express	
	<i>Card Number</i>	<i>Expiration Date</i>	
	<i>Name on Card</i>		
	<i>Signature</i>		
<input type="checkbox"/>	Purchase Order	<i>PO Number</i>	

REGISTER: BY MAIL

ALS Tribology
10450 Stancliff Drive, Suite 210
Houston, Texas 77099

FAX:

281.599.0364

PHONE:

877.835.8437
281.599.1242

EMAIL FORM:

pashun.ballard@alstribology.com