

2017 STLE Houston Section Lube School

Speaker Biographies and Abstracts

Track A

Lubrication Fundamentals - Ray Thibault

Ray Thibault, CLS, OMA I & II MLT I & II and MLA II & III retired from ExxonMobil with 31 years of service in 2001 to form LTC, a lubrication training & consulting company. He has done extensive training and consulting worldwide for many of the leading manufacturing and lubricant companies. He is well known for his lubricant certification class such as Certified Lubrication Specialist, Oil Monitoring Analyst I & II and Machinery Lubrication Specialist I & II. As a contributing editor for Lubrication Management & Technology magazine for the past seven years, he writes bimonthly articles on lubrication. He has been the session chairman for Lubricants World held at the International Maintenance and Predictive Maintenance Conferences and is an active speaker at many other conferences such as STLE, Predictive Maintenance, and MARTS. He has worked with local STLE chapters such as Oklahoma, Houston, and Chicago as a presenter at their lube schools.

This course will provide an overview of lubricants and their use. Major topics are lubrication fundamentals (wear, functions of a lubricant, lubricant composition, lubricant properties, types of lubricants), lubricant applications (bearings, gears, hydraulics, compressors, turbines), contamination control (water, particulates, air, other lubricants, built-in, added, breathers) and reliability topics (proper oil sampling, condition monitoring, lubricant tests and their meaning, ferrography). Because of the nature of the class and the reference notes provided, this class is an all-day (morning + afternoon) class.

Track B

Importance of Oil Analysis - Michael Holloway

Michael Holloway, CLS, OMA is currently National Sales Manager, ALS Tribology North America. Michael has worked in industry for 27 years for companies such as Olin Chemical, WR Grace, Rohm & Haas, General Electric and NCH Corporation focusing on technical development and reliability. He has written books on spend analysis, specification development, failure interpretation as well as process plant equipment operations, control, and reliability and recently wrote the Dictionary of Industrial Terms published through J. Wiley. He holds a BS in chemistry, a MS in engineering and is a Certified Lubrication Specialist (CLS) and Oil Monitoring Analyst (OMA) through STLE.

This seminar provides fundamental information on wear metal analysis, contamination analysis, oil condition, oil formulations, sampling techniques, and how to interpret oil analysis reports to reduce oil drain intervals safely and diagnose lubricated systems.

Information provided will include primary information as well as current developments in the world of oil analysis. Students new to the field of tribology as well as experienced professionals will gain insight during this interactive seminar.

Maintaining Lubricant Quality Throughout the Supply Chain – Michael Roe

Michael Roe is a current member of STLE, having joined in 1988, and an active member of the STLE Houston Section. During his years of employment, he was also a Certified Lubricant Specialist and a member of ASTM (Committee D15 on Engine Coolants), SAE, and NFPA (National Fluid Power Association). He obtained a BS in Chemistry from Creighton University in 1970 and an MBA from the University of Nebraska (Omaha) in 1988. He has over 40 years' experience in the Lubricants Industry. From 1973 to 1990 he was the QC Laboratory Manager and Product Technical Advisor for a lubricants compounder/blender (Empak, Southwest Grease) that eventually became part of Witco Corporation. From 1990 to 2000 he was an Additive Supply, Automotive, and Industrial Product Engineer at Texaco Lubricants Company (eventually Equilon). From 2000 to 2015 (retirement), he was a Technical Desk Engineer, Products Technical Advisor, and Distributor Quality Advisor at ExxonMobil Corporation. He is currently available for consulting on a wide range of topics including Supply Chain Quality issues, Lubricant handling procedures, and Quality Programs.

This presentation covers Lubricant Quality Issues in the Lubricant Supply Chain. Topics include Lubricant Supply Chain Products, the Lubricant Supply Chain, and Maintaining the Quality of those Products in that Supply Chain. Discussions will involve placing Products in compatible groups, other Products in the Lubricant Supply Chain, what the Lubricant Supply Chain looks like, and key focus areas for maintaining Lubricant Quality. These focus areas consist of 15 major elements, including Customer need, Product design, management oversight, documented procedures, issues with equipment and handling activities, Lubricant properties, Lubricant Compatibility, Change of Assignment, commingling/contamination, Quality Incidents and Quality Tools and Programs.