

# STLE Educational Seminar 2009



## “Lubricant & Equipment Component Failure Analysis”

Hosted by

Society of Tribologists and Lubrication Engineers  
Canton Ohio Section

Wednesday, March 25, 2009

Kent State Conference Center - North Canton

<http://stark.kent.edu/conferencecenter/>

- STLE brings together managers, engineers, scientists, technicians and craftspeople to learn and share "best practices" associated with the design and operation of modern machinery and equipment. STLE provides networking opportunities for individuals in every sector of the lubrication and condition monitoring field. Our educational seminars provide exposure to state-of-the-art knowledge and technical information.
- Our seminar targets all levels of maintenance personnel from the shop floor to the front office, including engineering, research and development, production floor, end users and suppliers.
- Seminar participation meets the required criteria for credit toward CLS recertification.
- Registration enters you in a drawing for a free STLE membership or renewal of your current membership (a \$115 value).
- All attendees receive a CD with speaker presentations in pdf format.
- Breakfast, lunch and refreshments provided.

If you're interested in an affordable, local seminar, please fill out the attached registration or e-mail an officer: [lisa@theoillab.com](mailto:lisa@theoillab.com), [barry@theoillab.com](mailto:barry@theoillab.com), or [carl.hager@timken.com](mailto:carl.hager@timken.com).

# Seminar Topics

## **Cost Justification**

Rob Crawford – Crawford Resources

## **More on Resonance and Vibration Analysis**

Jerry Sexton - Aleris

## **The Basics and Control of Metalworking Fluids**

Pam Lazarich – Blue Star Lubrication Technologies

## **Engine Oils**

Mark Betner - Citgo

## **Gear Contact Fatigue Micro-Pits to Macro-Spalls**

Mike Hoeprich

## **Bearing Damage Modes and Their Causes**

Jeff Calvin – The Timken Company

## **Pump and Cylinder Analysis and the Necessity of Oil Analysis and Clean Oil**

Pneudraulic Power and Hydraulic Specialists

**After Conference Networking to follow Seminar**