JUNE 6 & 7, 2017 • YORK, PA

MRG laboratories

Metals Industry Workshop

Steel, aluminum, and metalworking present unique challenges to equipment reliability and lubrication of these capital-intensive production environments. Gearboxes, roll bearings, wire drawing dies, machining centers, hydraulic reservoirs and electric motors are all operated in an environment that frequently includes very high temperatures, corrosive chemicals, and the accumulation of dirt and once molten debris in oils and greases. When an experienced and capable workforce is armed with the knowledge of lubrication best practices, including filtration, lubricant sampling and analysis, and condition-based lubrication replenishment, life extension of critical components and reduction in O&M costs can be substantial.

Metals professionals will gather for a two-day workshop to tackle machinery care and reliability improvement issues through laboratory time, classroom workshops, and hands-on training. The goal of this workshop will be to share and learn best practices in reliability-based lubrication and lubricant analysis techniques, with the goal of delivering cost-saving solutions to the attendees and their companies.

All training occurs at York College's J.D. Brown Entrepreneurship Center at King's Mill Depot, 410 Kings Mill Road, York, Pa.

WORKSHOP SESSIONS

1. Lubricant Analysis Testing
- Lubricant Health
- Contamination
- Wear Debris

2. Oil & Grease Analysis Case Studies
- Industry Examples
- Participant Provided Reports

3. Contamination Control
- Proper Sample Collection
- Differentiating Wear Metals from Production Metals
- Contaminant Quantification and Removal Methods
- High Temperature Induced Contaminants
- Microbial Detection and Remediation

4. Machine Retrofits [Hands-On]
- Splash Bath Sumps
- Pressurized Circulating Systems
- Breathers and Filters
- Oil Sampling
- Grease Sampling

5. Building Work Practices in a Digital World
- Machinery and System Surveys
- Building Lubrication Routes
- Efficient Data Collection
- Information Management Methods
- Case Analysis and Execution

MRG Labs is a leader in technology and education in the lubrication and lubricant analysis marketplace. MRG Labs is taking proven principles of lubrication excellence and creating knowledge centers for sharing best-practices and lubrication fundamentals in focused industry groups like Metals.

Cost to register: $995 per person

QUESTIONS?
Contact Lisa Williams at
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