

OCTOBER 4 & 5, 2017 • YORK, PA

Food Industry Lubrication Workshop

Food production processing presents unique challenges to equipment reliability and lubrication in these capital-intensive production environments. Gearboxes, roll bearings, hydraulic reservoirs and electric motors are all operated in an environment that frequently includes very high and low temperatures, corrosive chemicals, and the accumulation of food materials 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.

Food production 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.



Cost to register:
\$995* per person

*See Website for Discount

QUESTIONS?

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WORKSHOP SESSIONS

1. Food Grade Lubricants

- NSF Food Grade Lubricant Classification Process
- NSF Classifications of Products
- Relative Quality of Food Grade vs. Industrial Lubricants

2. Lubricant Analysis Testing

- Lubricant Health
- Contamination
- Wear Debris

3. Oil & Grease Analysis Case Studies

- Industry Examples
- Participant Provided Reports

4. Contamination Control

- Microbial Detection and Remediation
- Proper Sample Collection
- Contaminant Quantification and Removal Methods

5. Machine Retrofits [Hands-On]

- Splash Bath Sumps
- Pressurized Circulating Systems
- Breathers and Filters
- Oil Sampling
- Grease Sampling

6. Automatic Lubrication Systems

- Automatic Lubrication Systems - Design Types
- System Design Type - Typical Benefits
- Routine Maintenance and Troubleshoot Automatic Lubrication Systems

7. Building Work Practices in a Digital World

- Machinery and System Surveys
- Building Lubrication Routes
- Efficient Data Collection
- Information Management Methods
- Case Analysis and Execution