



**Drexel University Seminar Series**  
February 6, 2015

**Phosphate Lubricant Technology**  
**By: Jill Foster**

**Abstract**

This seminar will cover various test instruments used to evaluate lubrication properties. To emphasize the importance of lubrication in steel rolling, the presentation will contain an overview of the rolling process. Typical rolling oils containing synergistic phosphate additives will be presented. There will also be a brief mention of current studies going on in the metalworking department using the synergetic phosphate package. The presentation will also cover case studies supporting this synergy and the benefits of the package that have been observed in the field.