



# LUBRICANTS AND COATING LABORATORY

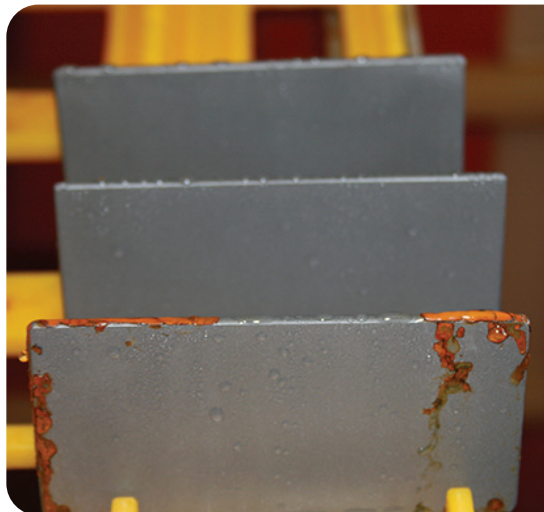
## LABORATORY INFORMATION FACT SHEET

### CONTACT US:

Technology Transfer Office

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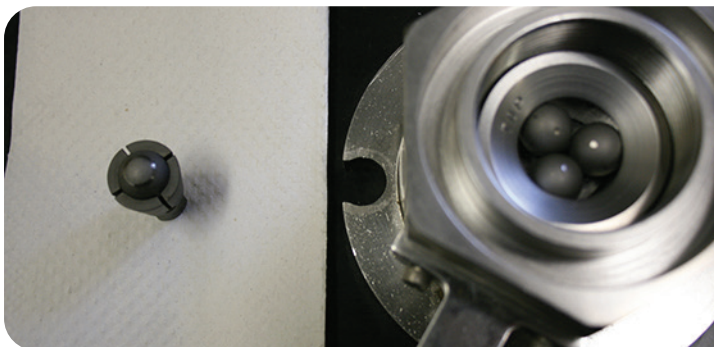


*The Prototyping and Organic Materials Branch: Lubricants and Coatings Lab provides expertise in the materials technology areas of testing lubricants and coatings.*

### TECHNOLOGY/FACILITY DESCRIPTION:

The lab determines lubricity of oils/greases/ solid film lubricants, evaluation of lubricant products to verify material compliance with military specification requirements, corrosion prevention evaluations, firing residue removal studies, compatibility determinations and

material characterization. Available ASTM-compliant lubricant evaluation equipment includes falex pin and vee-block tester, four-ball wear tester, viscosity determination apparatus, flash point testers, salt fog corrosion tester, humidity cabinet corrosion tester, grease worker and penetrometer. Developed lubricant requirements can be addressed by the Prototyping and Organic Materials Branch.



### EQUIPMENT AND EXPERTISE AVAILABLE:

- Falex Pin and Vee Block Tester
- Salt Fog Corrosion Tester
- Four-Ball Wear Tester
- Humidity Cabinet Corrosion Tester
- Viscosity Determination Apparatus
- Grease Worker
- Corrosion Preventive Properties Apparatus
- Penetrometer