



Sustainable Technology Evaluation and Demonstration (STED) Program

Biobased Multipurpose Lubricant Demonstration



Technology Description

Biobased multipurpose lubricants designed to lubricate and protect components, loosen rusty / frozen parts, and displace moisture in various conditions and various industrial settings.

Potential Impact

- Improve lubricating efficiency.
- Improve worker health.
- Reduce risk for environmental contamination from spills.
- Displace water and protect components from corrosion.

Benefits

- Less toxic than traditional multipurpose lubricants.
- Substantially higher flashpoint.
- BioPreferred Product Category: expand markets for domestic agricultural products.

Demonstration Sites

- MCB Quantico Weapon Training Battalion
- MCB Quantico Range Management
- Crane Army Ammunition Activity
- Shaw AFB
- Edwards AFB
- Quonset Point Air National Guard Station
- NASA AFRC

For additional information please contact:

- [DoW STED Program email](#)



Target Carriage Maintenance