



# 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
- Crane Army Ammunition Plant
- Shaw AFB
- Edwards AFB
- Quonset Point Air National Guard Station
- NASA AFRC

### For additional information please contact:

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- Department of Defense (DoD) Sustainable Products Center (SPC):  
<https://www.denix.osd.mil/spc/index.html>



**Target Carriage Maintenance**