



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 Status: Planning

- Identifying demonstration sites.
- Identifying site specific requirements.
- Evaluating sustainable technology candidates.

For additional information please contact:

- osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil
- Department of Defense (DoD) Sustainable Products Center (SPC):
<https://www.denix.osd.mil/spc/index.html>



Vehicle and Equipment Maintenance