



# Sustainable Technology Evaluation and Demonstration (STED) Program

## Biobased Multipurpose Grease Demonstration



### Technology Description

Biobased multipurpose greases for lubricating vehicles and heavy equipment; materials to replace petroleum oil.

### Potential Impact

- Reduce petroleum consumption by at least 72%.
- Biodegradable - Reduced spill/clean up costs.
- Reduce negative impact to vegetation, soil, and water quality.

### Benefits

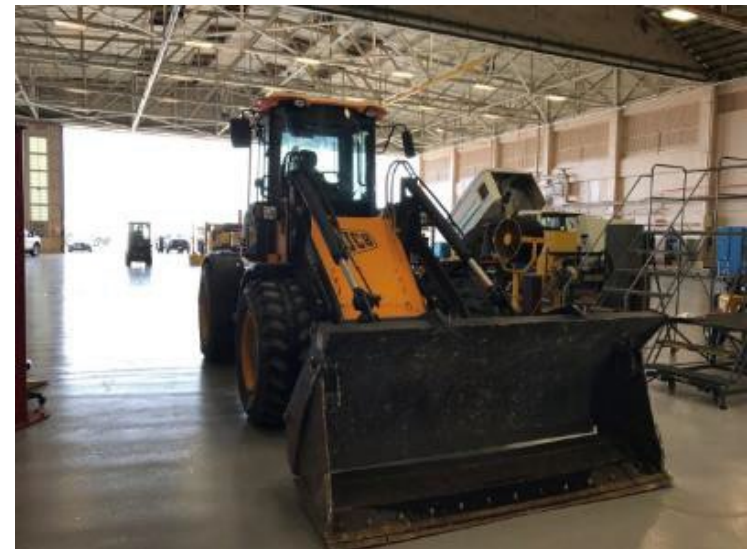
- Meets OEM equipment requirements (non-tactical heavy equipment).
- BioPreferred Product Category: expand markets for domestic agricultural products.

### Demonstration Sites

- Demonstrated at JBLE, Patrick SFB, Hill AFB, Davis Monthan AFB, NAS Lemoore, NSWC Dahlgren, JBLM, NASA KSC and LaRC.
- Six new biobased NSNs established.

### 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>



Patrick SFB Demonstration Equipment