



# Sustainable Technology Evaluation and Demonstration (STED) Program

## Biobased Hydraulic Fluids



### Technology Description

Biobased mobile hydraulic fluids; incorporate biobased materials as an alternative to petroleum

### Potential Impact

- Improved worker safety
- Minimum 44% biobased content.
- Biodegradable - Reduced spill/clean up costs.
- Reduce negative impact to vegetation, soil, and water quality.
- Reduce dependence on foreign oil.

### Demonstration Sites

- Marine Corps Mountain Warfare Training Center (MCMWTC)
- Fort Bragg

### Benefits

- BioPreferred Product Category: expand markets for domestic agricultural products.
- Reduction in number of fluid changes over life of the vehicle.
- Assists installations in meeting federal acquisition regulations and preferred procurement programs.

### 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>



MCMWTC