



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 Liberty

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:

- 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>



MCMWTC