

Altec Product Support

Creedmoor



Roy A. Baldner
First Energy Corporation
76 South Main Street
Akron, Ohio 44308

This letter constitutes an approval to use Renewable Lubricants Bio-Ultimax™ 1500 Dielectric Hydraulic Fluids in Altec mobile equipment. Altec has tested the Bio-Ultimax™ 1500 Dielectric Hydraulic Fluids in its mobile equipment as outlined in Altec Test Report TR-00749 and concludes that the Bio-Ultimax™ 1500 Dielectric Hydraulic Fluids are very well suited for our mobile equipment.

In the Altec Maintenance and Parts manual you will find oil specifications for hydraulic fluids and different operating climates for each as recommended by Altec. The customer should select the appropriate viscosity for the temperature range they expect to encounter during the operation of the mobile equipment.

There may arise situations where changing oil suppliers or operating conditions require a different hydraulic fluid. There are several things that should be considered when changing hydraulic fluids.

1. **Is the new oil compatible with the exiting oil in the machine?** The Oil supplier should be able to provide you with this information. If the oils are not compatible damage to the hydraulic system can occur. In cases where the hydraulic fluids are not compatible the hydraulic system will need to be completely purged, filters changed and the hydraulic system filled with the new fluid. Refer to the Altec Maintenance and Parts manuals for instructions.
2. **Does the Hydraulic Oil meet Altec standards as outlined in the manual?**
3. **Does the Hydraulic Oil meet Dielectric requirements as set forth in ASTM D-877?**

Should you have any questions regarding this matter feel free to contact me at 919-528-8032.

Sincerely,

A handwritten signature in black ink, appearing to read 'Harvey Satterwhite', is written over a horizontal line.

Harvey Satterwhite, Altec Product Support

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