



## Wirelife® Monolec® Penetrating Lubricant (2001)

*Shawnee Enterprises – Pittsburg, Tex.*

### *Big John Diggers*

- *Provides trouble free operation*
- *Eliminated wear on slides*

#### **Customer Profile**

Shawnee Enterprises (Shawnee Waste Oil Recovery and Shawnee Transplanting Service) started using Lubrication Engineers products in 1994 from retailer Parker Supply Co., Inc. in Pittsburg, Texas. Owner David Newsome first came in contact with LE through Walter Morman, LE lubrication consultant. Walter was looking for someone to remove waste oil and filters that met all government requirements. David is not only an LE customer, but a valued LE partner, removing waste oil for all LE customers in east Texas. David started the tree transfer business in 2005, and quickly saw the need for a better way to lubricate his slides.

#### **Application**

Shawnee Enterprises use Big John Diggers. These units come on site and remove a plug of earth for a tree to be transplanted. When the plug is removed they go to where the tree is growing and dig it up (the diggers can handle up to 50 ft. full grown trees) then transport the tree to its new location, giving the customer a full grown tree.

#### **Challenge**

The main problem was dirt getting in the slides and hinges causing excessive wear. The slides would lock up if the dirt wasn't kept out. If they were in the process of removing a tree they would have to stop, lift the unit out and bring in high pressure water sprayers to wash the dirt out of the slides before removing the tree. This would sometimes cause the plug to loosen around the tree roots and fall out of the digger while being transported. This greatly affected the chances of the tree living.





### **LE Solution**

The local LE lubrication consultant, recommended Wirelife® Monolec® Penetrating Lubricant (2001), which is a penetrating type lubricant that provides superior load carrying capacity and corrosion resistance. It contains petroleum solvent to enhance penetration to the core. When solvent evaporates, a thin film of heavy bodied oil remains to protect and lubricate. It contains Monolec®, LE's exclusive wear-reducing additive.

### **Results**

The cost savings comes with the reliability of the equipment operating without trouble and stopping wear on the slides; this alone makes it priceless. David says being able to make the plug the first time every time saves time and everyone knows time is money.

### **Other Products Used**

- Almagard® Vari-Purpose Lubricant (3752)
- Monolec Ultra® Engine Oil (8800)

*Thank you to David Newsome, owner/operator, and to the local LE lubrication consultant, for providing the information used in this report.*



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