

**1275 ALMAPLEX<sup>®</sup> INDUSTRIAL LUBRICANT**  
**New Castle County Parks Dept.- Operations/Maintenance Div.**  
**Flail Mowers • SIC 7999 Amusement & Recreation**

**Many users have been forced to re-define “normal” or “expected” equipment life because of the exceptional wear-reduction achieved with LE’s 1275!**

**CUSTOMER PROFILE**

Dave Marconi is the Garage Supervisor at New Castle County Parks Department located in the northern quadrant of the State of Delaware.

**APPLICATION**

The New Castle County Parks Department - Operations/Maintenance Division was experiencing a number of problems with lost bearings on flail mowers.

**AREA OF INTEREST**

The New Castle County Parks Department contacted LE in 1978 to help with these mowers. Bearing grease in the Mott 72 inch flail mowers were only lasting one to two days, especially in the summer, when the grease would melt and run out leaving the bearings unprotected. Maintaining over 30 mowers, the maintenance department was replacing an average of 48 bearings per year. The cost of these bearings is approximately \$16, and it requires approximately 2 man-hours to repair each mower. Quite often the equipment was down for as long as half a day.

**LE SOLUTION**

The local LE Representative recommended changing to LE’s 1275 ALMAPLEX<sup>®</sup> Industrial Lubricant. This lubricant is very effective in severe operations caused by moisture and high temperatures.

**CUSTOMER COST SAVINGS**

Since converting to LE’s 1275 the County

Parks Department has been able to increase their lubrication cycles from every four hours to once a day, and have all but eliminated bearing failures.

**OTHER PRODUCTS USED**

The county also uses LE’s 609 ALMASOL<sup>®</sup> Vari-Purpose Gear Lubricant in their 15 ft. Woods rotary mowers. These mowers are used in the parks and at the airport. Using a commercial grade lubricant they were experiencing top bearing failures which caused the blades and shaft to fall out of the mower. This would occasionally cause the blade and shaft to knock off the entire gear casing, causing extensive damage to the mower.

The local LE Representative recommended changing to LE’s 609 ALMASOL<sup>®</sup> Vari-Purpose Gear Lubricant because of its excellent EP characteristics. It is very adhesive, protects against corrosive wear and reduces overheating. While using the commercial grade lubricant, top bearings would fail on an average of twice a year. Since changing to LE’s 609, there have been no lubricant related failure problems in this application.

LE’s 2100 NUTRIGENT Industrial Cleaner is used as an effective cleaner for many different applications. It is highly concentrated and when mixed with water or solvent is very effective in dissolving dirt and gum.

Dave Marconi states, “I am very happy with LE products and services and I feel they are extremely cost effective.”



We wish to thank Dave Marconi, Garage Supervisor and the local LE Representative Chris Nowlen (pictured) for providing the information to prepare this report.

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer’s specifications.

**LUBRICATION ENGINEERS<sup>®</sup>, Inc.**

**Leaders in Lubricants**

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