

Customer Testimonial



Almagard® Vari-Purpose Lubricant (3752)

City of Colonial Heights Maintenance Shop – Virginia

Leaf Collectors

- **Saves more than \$2,800 per year in bearing replacements**

Customer Profile

The City of Colonial Heights Maintenance Shop is responsible for the maintenance of 275 pieces of mobile and stationary equipment. Because of growing needs, a new addition to the shop was constructed in 2005. This large amount of equipment is serviced by only four employees. The facility has been in operation for 50 years and an LE customer since 1993.

Application

The maintenance shop uses Old Dominion Brush Corp Series 600 leaf collectors. They are used to clear streets, parks and public areas of leaves, branches and sometimes trash throughout the city limits. They operate three units and have one stored as a backup. These leaf collectors operate in dirty, dusty environments. Since they operate outdoors year round, they work in hot temperatures and extreme cold temperatures. Given that these machines work outside, the bearings some times gets wet.

Challenge

While using the previous brand of grease, these units would experience bearing failures once or twice a season. The grease would breakdown and leave the bearings dry. Fred Ross, City of Colonial Heights maintenance superintendent, was desperate to find a solution.

LE Solution

The local LE lubrication consultant recommended Almagard® Vari-Purpose Lubricant (3752), which is an extreme pressure lubricant, for extended service, that won't wash off, pound out, or melt and run, even with extended service in severe conditions.



Results

Since the conversion to Almagard 3752 into the leaf collectors, the City of Colonial Heights Maintenance Shop has only seen one bearing lost in 15 years. A bearing costs \$200 and each shaft is \$500. On the previous grease, they lost a bearing at least four times a year. It is estimated that the money saved on bearings and shaft replacements easily exceeds \$40,000 to date.

Fred Ross, maintenance superintendent, stated "We were so impressed with the performance of Almagard 3752 that we agreed to use LE engine oils, gear oils, and other LE products. We are extremely happy we did."

Other Products Used

- Monolec Ultra® Engine Oil (8800) – Detroit Diesel engines
- Monolec® SPB™ Engine Oils (8530) – police cars and light fleet
- Duolect® Vari-Purpose Gear Lubricant (1605) – automotive rear ends
- Monolec® Syn Multi-Vehicle ATF (1150) – Allison transmissions



- Monolec® Power Fluid (7500) – All bus and other automatic transmissions
- Monolec® Hydraulic Oil (6520) – fire truck hydraulics
- Monolec® GFS Engine Oil (8440) – Detroit engines in fire trucks
- Oil Safe® – Used as oil transfer management systems
- LiquiDynamics – Oil and lubrication equipment

Thank you to Fred Ross, maintenance superintendent, and Scotty Baird, LE lubrication consultant (pictured), for providing the information used in this report.



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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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