

3752 ALMAGARD® Vari-Purpose Lubricant
CITY OF COLONIAL HEIGHTS-MAINTENANCE SHOP, VA
Leaf Collectors • SIC 9199 General Government

SAVING OVER \$2,800 A YEAR IN BEARING REPLACEMENTS

CUSTOMER TESTIMONIAL

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.

AREA OF INTEREST

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

LE Lubrication Consultant Dave Smith recommended LE's 3752 ALMAGARD® Vari-Purpose Lubricant. 3752 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.

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CUSTOMER COST SAVINGS

Since the conversion to LE's 3752 into the leaf collectors, the City of Colonial Heights Maintenance Shop has only seen one bearing lost in 15 years. A bearing costs \$200.00 and each shaft is \$500.00. On the previous grease they lost a bearing at least 4 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 3752 that we agreed to use LE engine oils, gear oils, and other LE products. WE ARE EXTREMELY HAPPY WE DID!"*

OTHER PRODUCTS USED

8800 MONOLEC UTLRA® Engine Oil - Detroit Diesel Engines

8530 MONOLEC® SPB™ Engine Oils - police cars and light fleet

1605 DUOLEC™ Vari-Purpose Gear Lubricant - automotive rear ends

1150 TRANS-ALL EHP Automatic Transmission Fluid - Allison Transmissions

7500 MONOLEC® Power Fluid - All bus and other automatic transmissions

6520 MONOLEC® Hydraulic Oil - fire truck hydraulics

8440 MONOLEC® GFS Engine Oil - Detroit Engines in fire trucks

OILSAFE® - Used as oil transfer management systems

LIQUIDYNAMCIS - Oil and lubrication equipment

Lubrication Engineers Inc. would like to thank City of Colonia Heights Maintenance Superintendent Fred Ross and Lubrication Consultant Dave Smith for the information to prepare this report.



Dave Smith