



Almagard® Vari-Purpose Lubricant (3751-3752)

Cape May County Bridge Commission – Cape May, N.J. Open Gear Driven Drawbridges

- Withstands ocean spray washout

Customer Profile

The Cape May County Bridge Commission is located in Cape May, New Jersey. They are responsible for the operation and maintenance of all the area drawbridges in Cape May County. These bridges service all of the local waterways in and around Cape May, Ocean City and the Wildwoods located in the southern most portion of New Jersey.

Challenge

The bridges were originally built between 1944 and 1948. They all operate with an open gearing system that raises and lowers the drawbridge. The open gearing system is lubricated with grease by hand. The problem with regular greases is the salt-water washout and exposure to the harshest of environments. Standard greases that are exposed to the elements could not stay in place, and frequent greasing intervals had to be set to try and keep up with maintenance needs of the bridges.

LE Solution

Phillip Elston, buyer for Cape May County, stated that a lot of greases were tried before the introduction of Lubrication Engineers products. After Almagard® Vari-Purpose Lubricant (3752) was introduced, Phillip and the rest of the bridge commission employees noticed that the grease was staying in place longer than any other product they had used before.

Results

When asked his opinion of Lubrication Engineers products, Phillip Elston stated the following, "18 years ago when we made the switch to start using LE products, we were looking for a good product with good prices. We found this entirely with LE. Not only do they have good products at good prices, they also offer great service to me, and my staff. LE is a perfect fit for what my guys are doing. We have used LE products for so long, why would we change?"



Other Information

Cape May County has decided to perform a winter/summer mix of Almagard Lubricants. Almagard 3751 for winter and Almagard 3752 for summer are used each year. One case of grease will last two full years, and the entire bridge commission uses no other lubricants but LE.

Thank you to Phillip Elston, buyer, and to Jennifer Rybacki, 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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