

# Customer Testimonial



## Pyroshield® Syn Open Gear Grease (5182)

### Town of Bay Harbor Island – Florida

### Drawbridge

#### Customer Profile

The Town of Bay Harbor Island is a municipality located in South Florida. They maintain the Broad Causeway toll roadway that offers a convenient and fast route between the mainland's North Miami area and Bay Harbor Islands, as well as the Town's neighboring communities. The toll roadway is a main source of income for the city. They have been an LE customer for more than 30 years.

#### Application

The Broad Causeway toll roadway includes a drawbridge to allow the passage of marine vessels.

#### Challenge

The bull gears on the drawbridge are subject to salt water corrosion. In addition, the lubricant must not fall into the water and cause environmental concerns.

#### LE Solution

More than 20 years ago, the local LE lubrication consultant recommended Pyroshield® Syn Open Gear Grease (5182). It is a revolutionary lubricant developed for open gears which operate in the most severe service conditions. It is lead free and provides excellent EP characteristics. It clings to gears tenaciously, thus eliminating cause for environmental concerns.

#### Results

The drawbridge is 60 years old and has never been out of service and the gearing is original. It is the oldest original drawbridge in South Florida.

Joe Fox, public works director, stated, "Pyroshield has been protecting the open gears for over 20 years, its tackiness is excellent."



*Thank you to Joe Fox, public work supervisor, for providing the information used in this report.*



Pyroshield® is a registered trademark of Lubrication Engineers, Inc.

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

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