

Customer Testimonial



Perma[®] Automatic Lubricator

Beaufort Jasper Water & Sewer Authority – S.C.

Electric Motors

- Provided labor savings and peace of mind by ensuring proper lubrication of crucial electric motors

Customer Profile

Beaufort Jasper Water and Sewer Authority provide the main source of water to area coastal communities. Its service area extends over 1,500 square miles across two counties in South Carolina.

The rapid growth of the coastal area demands that BJW&SA continues to invest and maintain its equipment at peak performance. Its facilities can process more than 39 million gallons of water per day.

Application

The Broad River Pump Stations 1 & 2 provide fresh water to Beaufort, S.C. These two stations have three electric motors each, with the stations running in alternating cycles to supply the demands of water usage.

Challenge

The Broad River Pump Stations are controlled by the main Chelsea water plant. There is no onsite station attendant. The 200-hp GE motors are critical, and their reliability is essential.

LE Solution

Pete Raino, maintenance technician, and Helmut von Schweinitz, LE lubrication consultant, used the Perma[®] Star Vario lubricator filled with LE's Almaplex[®] Industrial Lubricant (1275) to supply the proper amount of grease. The unit is capable of delivering a one-year supply of grease to the motor bearings. This provides the following benefits:

- Eliminates feast and famine of manual lubrication.
- Ensures even distribution of grease.
- Provides an alarm if grease cannot be delivered to the bearings, thus ensuring the detection of blockage.
- Saves labor by eliminating manual bearing lubrication.
- Eliminates over-greasing.



Results

The photographs above show the perma units after 10 months on the job. Pete said the installation was straightforward. The units will be changed out with grease refills and battery packs charged during regularly scheduled yearend PM.

Thank you to Pete Raino, maintenance technician, and to Helmut von Schweinitz, 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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