

Customer Testimonial



Almaplex[®] Industrial Lubricant (1275)

City of Brenham Wastewater Treatment Plant – Brenham, Texas

Spencer Units for Water Digestion

- Promoted better performance of the equipment
- Ensured longer bearing life
- Saved money with fewer bearing replacements and less downtime

Customer Profile

The City of Brenham Wastewater Treatment Plant treats approximately 1.9 million gallons of water per day. It has been an LE customer since March 1995.

Application

The Spencer blower units are rated at 350 hp, running at 3,500 rpm. Each unit can put out 8,082 cubic feet of air per minute, up to seven days a week, 24 hours a day. The units are under a roof, but exposed to excessive heat in the summer.

Challenge

Grease recommended by the manufacturer was solidifying within 2,000 hours of installation in the bearings of these units. Staff was greasing the bearings daily, but still had to replace them frequently. Each pair of bearings cost about \$1,000, plus the labor and downtime to replace them.

The last time the bearings went out, Raymond Schultz Jr., plant superintendent, noticed that the manufacturer's recommended grease had turned to a "rubbery-looking solid" in the 6-inch diameter bearing races.

LE Solution

The local LE consultant recommended Almaplex[®] Industrial Lubricant (1275), an excellent general purpose EP lubricant for industrial or fleet use. It is effective in severe operations against moisture and high temperatures, seals out dirt and prevents corrosive wear. Almaplex 1275 contains Almasol[®], LE's proprietary solid wear-reducing additive.



Results

Since they began using Almaplex 1275, the plant maintenance staff is noticing longer bearing life and better performance. The City of Brenham is saving money each year on fewer bearing replacements and reduced downtime.

"Frequent replacement of bearings is a thing of the past, thanks to the use of LE's Almaplex Industrial Lubricant," Schultz said.



Other LE Product Used

- Almagard® Vari-Purpose Lubricant (3752) for belt press bearings for solids moved by conveyor to dump trucks



Thank you to Raymond Schultz Jr., superintendent (left), and to the local LE lubrication consultant, 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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