

1275 ALMAPLEX® INDUSTRIAL LUBRICANT CITY OF BRENHAM, WWTP, BRENHAM TX

Three Spencer Units for Water Digestion • SIC 4952 Sewerage Systems

*“Common replacement of bearings is a thing of the past,
thanks to the use of LE's 1275 ALMAPLEX Industrial Lubricant.”*

CUSTOMER PROFILE

The City of Brenham's Wastewater Treatment Plant treats approximately 1.9 million gallons of water per day. They have been an LE customer since March 1995.

APPLICATION

Spencer blower units, each rated at 350 hp, running at 3500 rpm. Each unit can put out 8,082 cubic feet of air per minute, up to seven days a week, 24 hours a day. Under roof, but exposed to excessive heat in the summer.



AREA OF INTEREST

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.



**LUBRICATION
ENGINEERS, Inc.**

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99-04-16
(L170312)

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

LE SOLUTION

1275 ALMAPLEX Industrial Lubricant

- Excellent general purpose EP lubricant for industrial or fleet use
- Effective in severe operations against moisture and high temperatures
- Seals out dirt and prevents corrosive wear
- Contains ALMASOL[®], LE's exclusive wear-reducing additive.

CUSTOMER COST SAVINGS

The maintenance staff is now achieving longer bearing life and better performance. The City of Brenham is saving money each year on bearing replacement costs and reducing downtime.

Mr. Schultz said, "Common replacement of bearings is a thing of the past, thanks to the use of LE's 1275 ALMAPLEX Industrial Lubricant."

OTHER PRODUCTS USED

605 ALMASOL[®] Vari-Purpose Gear Lubricant

wastewater treatment plant's gear units

3752 ALMAGARD[®] Vari-Purpose Lubricant

belt press bearings for solids moved by conveyor to dump trucks.



We would like to thank Raymond Schultz, Jr., Superintendent (left) and the local LE Representative for the information provided to prepare this report.