



Almaplex® Industrial Lubricant (1275)

Holly Wastewater Treatment Plant – Village of Holly, Mich. Electric Motors

- Completely eliminated premature bearing failures on electric motors
- Consolidated grease inventory from five different types to two, with Almaplex 1275 used for 80 percent of their equipment

Customer Profile

The primary responsibility of the Holly Wastewater Treatment Plant – which originated in 1956 – is to safely transport and treat wastewater before returning it to the area waterway. The goal of the Holly WWTP is to ensure that area streams, rivers and lakes are free from disease-causing bacteria and viruses that are harmful to the public health. Wastewater treatment has been called the “last line of defense” against water pollution. More information is available at www.hollyvillage.org/wastewater-treatment. The Holly WWTP – which has a maximum flow of 3.3 MGD – has been an LE customer since 1978.

Application

The plant uses a large variety of electric motors for the plant’s aerators, pumps, fans & gear drives.

Challenge

While using commercial grade grease on the motors, they were experiencing three to four premature bearing failures per year. In addition, they were using five different greases for various equipment and were interested in lubricant consolidation.

LE Solution

Up until around 1987, the plant had been using some LE lubricants for other applications, but not electric motor grease. The LE consultant working with the WWTP at that time recommended Almaplex® Industrial Lubricant (1275) as



an electric motor grease that would reduce bearing failures and simultaneously work in other equipment in the plant – including those in the presence of water.

Results

“It was not uncommon to see three to four failures per year,” said Tim Stallcup, superintendent. “Since switching over, we simply do not have bearing failures. The largest benefit is that before we had five different types of grease for equipment. Now, the 1275 grease is used in 80 percent of our equipment.”

Other LE Products Used

- Almagard® Vari-Purpose Lubricant (3751)
- Monolec® Syn Industrial Oil (9220)
- Monolex® Penetrating Oil & Lube (2059)
- Breathers
- Sight Glasses



*Thank you to Tim Stallcup, superintendent,
and Matt Pressnell, LE lubrication
consultant (pictured), for providing the
information used in this report.*

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