CUSTOMER PROFILE

Clayton County Water Authority’s Casey Plant is a newly redesigned, state of the art facility with a capacity of 24 million gallons per day. They have been an LE customer for over 25 years.

APPLICATION

The Casey Plant utilizes three Turblex KA10SV-6L210, 500 HP, 8300 scfm, 10.5 psig aeration blowers.

AREA OF INTEREST

Using a major brand oil, sight glasses were hard to see. The customer also wanted to ensure the oil was clean, through proper filtration if necessary. They were looking to use the most advanced oil available to protect their three $750,000 investments.

LE SOLUTION

Lubrication Consultant Blake Yates recommended 6110 MONOLEC® Hydraulic Oil, which is listed by Turblex as an approved lubricant. Due to its distinctive red color, sight glass levels are now easier to see.

CUSTOMER COST SAVINGS

Rebuilds on Turblex blowers exceed $50,000. Extension of component life is a must; LE’s 6110, LEAP (Lubrication Engineers Analysis Program) and LE support is helping to obtain this goal. LEAP is also used to monitor the particle count to ensure the oil is clean and free of contamination.

OTHER PRODUCTS USED

1275 ALMAPLEX® Industrial Lubricant is used in all bearings.

6801 MULTILEC® Industrial Oil is used in a U.S. Motor Titan II 500 hp horizontal motor.

6803 MULTILEC® Industrial Oil is used in a Smith & Loveless Pista-Grit main gear drive.

6806 MULTILEC® Industrial Oil is used in Smith & Loveless Pista-Grit motor reducer.

9220 MONOLEC Synthetic Industrial Oil is used in all gearboxes calling for an ISO 220.

"Longer service life, better water separation, and longer component life."
9460 MONOLEC Synthetic Industrial Oil and 9846 SYNOLEC Gear Lubricant are used in the clarifiers.

Blake Yates