



Monolec® R & O Compressor / Turbine Oil (6405)

Whitewater WWTP – Wisconsin

Gear Reducers

- *Extended oil drain intervals from 6 months to 24 months*

Customer Profile

Whitewater Wastewater Treatment Plant is located in Whitewater, Wisconsin. They service a city of 13,000 residents and a state university of 10,000 students. The plant's capacity is 3.15 million gallons per day. They have used LE products since 1997.

Application

Autotrol/Browning gear reducers on drive units for Walker Rotating Biological Contactors.

Challenge

They have water contamination due to high humidity. By manufacturer specifications they normally drain the gear oil every six months.

LE Solution

The local LE lubrication consultant recommended Monolec® R & O Compressor / Turbine Oil (6405). Monolec 6405 is a rust and oxidation inhibited oil for reciprocating and rotary compressors, steam turbo generators, smaller industrial turbines, gears, bearings and circulating systems. It separates readily from water and prevents corrosive wear. It is extremely long lasting and nonfoaming in service.

Results

By using LEAPSM (Lubrication Engineers Analysis Program), drain intervals have been extended from six months to 24 months on each of their 48 gear reducers saving hundreds of man-hours on routine oil changes.

The maintenance supervisor states, "LE products allow us to concentrate on long term projects, not day to day problems."

Other Products Used

- Duolec® Vari-Purpose Gear Lubricant (1604): clarifier gearboxes
- Multilec® Industrial Lubricant (6805): blowers
- Monolec Ultra® Engine Oil (8800) : diesel engines

Thank you to Brad Tuttle, plant superintendent, Duane Brown, head mechanic, and to Mike Gentry, 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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300 Bailey Avenue • Fort Worth, TX 76107 • Fax: 800-228-1142
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www.LElubricants.com
800-537-7683