

**4025 QUINIPLEX® FOOD MACHINERY LUBRICANT
CITY OF TOPEKA WATERWORKS, Topeka, Kansas
Traveling Water Screens • SIC 4941 Water Supply**

“LE’s 4025 has reduced the friction and wear which will increase the longevity of the equipment and mechanical stability—and at a substantial cost savings. It’s just a better quality lubricant with better adhesion.”

CUSTOMER PROFILE

The City of Topeka Waterworks Division provides drinking water to the residents of Topeka, Kansas. They have been an LE customer since 2005.

APPLICATION

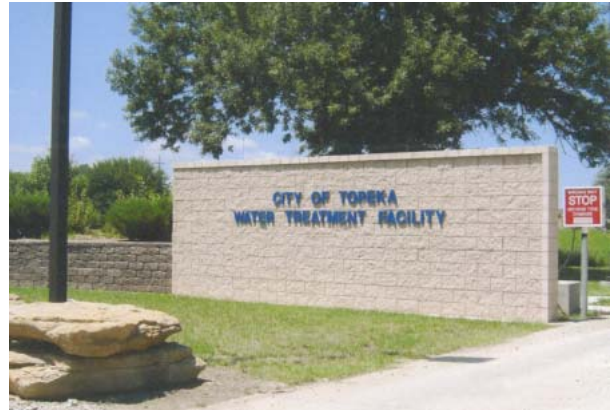
Water is collected from the Kansas River which meanders through the city. Four FMC Corporation Traveling Water Screens collect and remove sand, silt, and other debris from the water before continuing through the process of being treated and purified for human consumption.

AREA OF INTEREST

While using a major manufacturer’s premium grease to lubricate the screens and protect bearings, the grease would wash out or sling off allowing sand and silt into the system. Personnel at the plant were continually greasing the units in an attempt to keep out the debris. Supervisor III, Herman Wyatt, wanted to extend the life of the water screens and reduce the amount of grease being used.

LE SOLUTION

Lubrication Consultant Tom Saner recommended 4025 QUIN-



PLEX® Food Machinery Lubricant. LE’s 4025 is NSF and USDA H1 for food processing equipment. It is white, water resistant, resists high temperatures, clings to metal, is rust and corrosion inhibited, and is mechanically stable. LE’s 4025 provides true extreme pressure performance.

CUSTOMER COST SAVINGS

Once he started using LE’s 4025 QUINIPLEX® Food Machinery Lubricant, Herman Wyatt immediately no-

ticed results in how well the 4025 adhered to the equipment by resisting wash out and sling off, staying in place protecting the equipment.

It has yet to be determined what kind of cost savings LE's 4025 will provide the City of Topeka Waterworks Division. Heman has already seen a reduction of 1/4 to 1/3 of the amount of grease his personnel are using on the screens. The savings associated with the cost of repairing equipment including labor, parts and downtime and other associated cost factors have not been fully re-

alized at this time.

Heman stated, "***LE's 4025 has reduced the friction and wear which will increase the longevity of the equipment and mechanical stability—and at a substantial cost savings. It's just a better quality lubricant with better adhesion.***"

OTHER PRODUCTS USED

5182 PYROSHIELD®
Oil Safe products

We would like to thank Infrastructure Support Manager Terry Langford, Supervisor III Heman Wyatt, and Lubrication Consultant Tom Saner for the information provided to prepare this report.



Supervisor III Herman Wyatt



Tom Saner