

**CUSTOMER TESTIMONIAL**

## 704 MONOLEC® GEAR LUBRICANT

CARTHAGE WWTP, Carthage MO

Suburbia Systems, Inc. Clarifier • SIC 4952 Sewerage System

704 MONOLEC® Gear Lubricant  
Versatile, Multi-viscosity, Extreme pressure gear oil.



### CUSTOMER PROFILE

The City of Carthage Wastewater Treatment Plant processes 2.7 million gallons per day. They have been an LE customer since 1994.

### APPLICATION

The City uses a Suburbia Systems, Inc. clarifier that holds 291,380 gallons. The clarifier is in operation 24 hours a day, seven days a week. The environment that the clarifier operates in is wet and corrosive from the wastewater fluids.

### AREA OF INTEREST

Water was entering the gearboxes. In the freezing temperatures of winter, the moisture would freeze in the gearbox, stopping the clarifier. The maintenance personnel had to change out the commercial grade 85W-140 gear oil once a year.

### LE SOLUTION

LE's 704 MONOLEC® Gear Lubricant was recommended by the local LE Representative. LE's 704 met the manufacturer's specification for a gear oil, plus it does not mix with water.

### CUSTOMER COST SAVINGS

*LE's 704 has been in the gearbox of the Suburbia Systems clarifier for 1-1/2 years now, and Bob Trent, Wastewater Foreman, feels they can leave it in for another 1-1/2 years.* The local LE Representative recommended they put a valve in the bottom of the gearbox to drain off the water. LE's 704 has excellent water separation characteristics, and they drain the water from the gearbox monthly.

### OTHER PRODUCTS USED

The City of Carthage WWTP is also using LE's 3752 ALMAGARD® Vari-Purpose Lubricant for tractors and general in-plant use; LE's 6403 MONOLEC® Turbine Oil for applications requiring a non-detergent oil; LE's 607 ALMASOL Vari-Purpose Gear Lubricant for speed reducers and miscellaneous gearboxes; LE's 7500 MONOLEC® Power Fluid for their tractors and pump truck and LE's 2059 MONOLEX® Penetrating Oil & Lubricant for general purpose lubrication.

We want to thank Wastewater Foreman Bob Trent and the local LE Representative for the information provided to prepare this report.

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

**LUBRICATION  
ENGINEERS®, Inc.**

Leaders in Lubricants



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