

Customer Testimonial



Monolec® Synthetic Industrial Lubricant (9460)

Crown Linen Service – Columbia, Illinois

Gearbox

- Lowered operating temperatures by 20 degrees, eliminating the need for motor replacements
- Dropped amperage use by 6.5, resulting in electrical savings of \$1,746 per year

Customer Profile

Throughout the past century, Crown Linen Service has thrived in a highly competitive market. The five-generation business is one of the oldest family-owned and operated businesses in mid-Missouri. Founded in 1891, the bulk of the company's business consisted of men's starched shirts, and detachable collars and cuffs. In the years that followed, the company expanded, adding newer and more productive technology. Today, the company provides rental textiles to all types of businesses in central and eastern Missouri, as well as in western Illinois.

Application

Crown Linen Service uses a Hypro linen steam press with a 20 hp gearbox to iron the linens after they are washed.

Challenge

Using a commercial grade gear oil, the gearboxes were running hot, as high as 180°F (82°C) in the summer. This was causing the motor to run hot, and two motors had to be replaced in a one-year period.

Solution

The local LE lubrication consultant, recommended Monolec® Synthetic Industrial Lubricant (9460) which has a synthetic base oil that provides longer service life through excellent thermal stability and oxidation resistance. It contains Monolec, LE's exclusive wear-reducing additive, and is well suited for enclosed gearboxes.



Results

After Crown Linen began using Monolec Synthetic Industrial Lubricant (9460), operating temperatures dropped 20 degrees, and the company hasn't had to replace any motors. The lubricant change also caused a 6.5 amperage drop, resulting in electrical savings of \$1,746 per year.

"I now have peace of mind," says Dave Milsap, chief engineer, "I don't have to worry about a motor going down on the unit."

Other LE Products Used

- Monolec Multiplex Lubricant (4622)
- Des-Case® desiccant breathers
- LEAPSM (LE Analysis Program) kits for gearboxes, hydraulic washers and compressors
- Oil Safe® containers
- perma® automatic lubricators for gearboxes and hydraulic units



Des-Case
breather



Dave Milsap, chief engineer

Thank you to Dave Milsap, chief engineer for Crown Linen Service, and to the local LE lubrication consultant, 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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