

## APPLICATION

Envelope Printing Press

# Printing Company Reduces Press Downtime & Doubles Oil Drain Intervals

CUSTOMER TESTIMONIAL

## CHALLENGE

Excessive wear, short oil drain intervals and unplanned downtime

## SOLUTION

Monolec® Gear Lubricant (703)

## RESULTS

- Reduced downtime
- Provided better wear resistance
- Extended oil drain intervals to two or more years

## Customer Profile

This envelope company, founded in 1985, manufactures and prints a full range of custom and standard size envelopes. In its 120,000-square-foot state-of-the-art facility, it has three printing presses, eight folding machines and four computerized precision die-cutting presses. This company prints and converts 12 million envelopes weekly for large direct mail companies and advertising agencies across the nation. It has been an LE customer since 1993.

## Application

Three Heidelberg envelope printing presses

## Challenge

The company implemented oil analysis to determine drain intervals for its presses. The results showed that the equipment was experiencing excessive wear and the competitive lubricant that was in use was not providing sufficient protection. This had been contributing to shortened drain intervals and unplanned downtime.

## LE Solution

Bill Guynes, LE lubrication consultant, recommended Monolec® Gear Lubricant (703) as a solution for the application. This ISO-150 gear oil is formulated with Monolec, LE's proprietary wear-reducing additive.

## Results

After switching to Monolec 703, oil analysis showed that wear particles were reduced. The drain intervals were doubled to two or more years using the LE oil. This was achieved by implementing a condition-based reliability program and conducting routine oil analysis every four months.

"LE grease and oil are your best friends when you rely on Heidelberg printing presses to produce every day and night," the customer said. "We are a true production house where we have to have 100 percent uptime, and having our presses well taken care of is imperative."

Thank you, Bill Guynes, LE consultant (pictured), for providing the information used in this report.



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