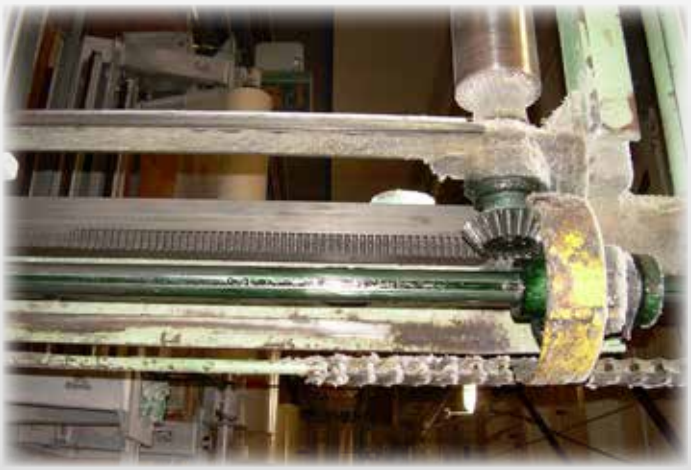
Customer Testimonial

Syntemp® Synthetic Lubricant (9102)

American Fiber and Finishing, Inc. – Albermarle, N.C.

Material Inspector

- **Cleaner to use, doesn't sling or fall off**
- **Doubled application interval from every day to every 2 days**
- **No gear replacement in more than 4 years of use**



Customer Profile

American Fiber and Finishing, Inc. is located in Albemarle, North Carolina. The company moved to its present location in 1997 and has been in business more than 30 years. They manufacture specialty textiles including material for book bindings.

Application

During the manufacturing process, the rolls of fabric are turned on a machine called a Material Inspector. As the name implies, the material is inspected for defects at this point. This machine has open gears turning the rolls that have to be lubricated. The machine usually runs about 40 hours per week.

Challenge

Charlie Burris, maintenance manager, had been using an aerosol asphaltic spray lubricant containing moly on the open gears. He would have to apply the product everyday. Often the lubricant would fall or sling off the gears resulting in a messy area under the gears. Charlie was interested in a lubricant that would stay on or "cling" better and last longer if possible, plus provide good wear protection.

LE Solution

Jeff Boyles, LE lubrication consultant, recommended LE Syntemp® Synthetic Lubricant (9102), an aerosol spray for use on smaller open gears, chains, sprockets, slides and other applications. Syntemp 9102 contains

Monolec®, LE's exclusive wear reducing additive, and is tacky which adheres to metal surfaces, resisting "slinging off" or "dripping" which was needed in this application. In addition, it is water resistant, resists high temperatures and has an EP Timken OK load of 50 lbs. Syntemp 9102 is available in aerosol spray cans which is NLGI 0 when applied and NLGI 2 when the diluent evaporates.

Results

Charlie tried the Syntemp 9102 and was pleased with the results. He found it to be easier to apply, and it stayed on better with no slinging or falling off the gears like the other lubricant. The better adhesion to the gears also allowed him to change his application interval to every two days instead of every day. In addition, no wear on the gears was observed. Since the conversion to Syntemp 9102 in 2007, Charlie has not replaced any gears. Previously, one or more gears were replaced per year. He also starting using the Syntemp 9102 on a sliding mechanism on the machine with good results.

"The Syntemp 9102 holds up under rough service and is cleaner to use" stated Charlie Burris, maintenance manager.

Thank you to Charlie Burris, maintenance manager, and to Jeff Boyles, LE lubrication consultant (pictured), for providing the information used in this report.

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