

Paper Mill USA Roll Wrapper In Floor Conveyor System Castrol LubeCon Series-1 Lubricant



THE SITUATION

Castrol was challenged to improve the lubrication of the conveyor chains.

The original equipment installed to lubricate the chains were labor intensive, hard to adjust and often lacking in delivery to the wear points of the chain. Floor plates were removed periodically to check and replace lubricating devices.

BEFORE

- OEM supplied lubrication equipment lacked in system adjustability. These units could only be accessed during maintenance downs.
- The brushes applying the lubricant were worn out and out of adjustment.
- Many maintenance hours were spent working on the lubrication systems.

AFTER

- Castrol installed two 12 gallon reservoir central systems and equipment to lubricate ten separate conveyors in the Roll Wrap Area.
- Each conveyor can be programmed individually to ensure proper lubrication.
- Testing and forced lubrication cycles can be performed while running to ensure system performance.
- Preventative maintenance on the slat conveyor has been cut in half since the installation of the LubeCon lubrication system.
- LubeCon's shot-to-point lubrication system has outperformed the OEM brush lubricators resulting in no rollers, pins or slats being replaced to date.

THE SOLUTION

- **A properly designed lubrication system that was installed and set up by qualified technicians.**
- **The right lubricant for the right application.**

CASE STUDY

YOUR ADVANTAGE IN AN INDUSTRIAL WORLD



Paper Mill
USA
Roll Wrapper In Floor Conveyor System

Average maintenance costs per year:

Company slat conveyor used to be PM'd four times per year prior to the installation of the LubeCon system and required parts for repair and/or replacement due to wear attributed to inadequate lubrication.

CONVEYOR EQUIPMENT ID: DISCHARGE SLAT L66, & EM-RWP-RLSH-CONVEY-CO6745760

Each PM is a minimum of four Mechanics at 5 hours for a total cost of.....\$1240.00
Each PM replaced an average of (12) Rollers & Pins & (2) Slat Links for a total cost of.....\$2056.44

TOTAL FOR ANNUAL MATERIALS & LABOR.....\$13,185.76

Since installing the LubeCon lubrication system, the company has reduced the number of PM's to ½ and has not had to repair and/or replace ANY rollers, pins or slat links to date. The total cost now for preventative maintenance and up-keep on this slat conveyor per year is \$2480.00

TOTAL ANNUAL SAVING \$10,705.76