



# LUBRICATION COST SAVINGS

## LPF High Performance Coatings

### Chain Lubrication Equipment

**FIRST YEAR SAVINGS: \$11,777**

**SAVINGS OVER 26 YEARS: \$356,202**

#### THE SITUATION

LPF coating facility was experiencing premature chain failure at an alarming rate which required replacing an entire Richard Wilcox conveyor chain per year due to wear.

#### BEFORE

- A yearly spend of \$14,169 was required to replace the entire conveyor chain, along with down time and lost production.

#### AFTER

- Premature chain failure has stopped after the installation of LubeCon lubrication equipment and the use of 1M/200 lubricant.
- The chain lasted 26 years before needing replacement.
- Over the 26 year period this has saved the customer 520 man hours in replacing the chain along with no production lost due to chain failure.

#### THE SOLUTION

- It was determined that the RW chain would benefit from the installation of an automatic lubrication system.
- A Castrol LubeCon lubrication system was designed and built to meet the needs of the customers' conveyor system.
- Castrol Series 1M/200 lubricant was selected to ensure long chain life and hold up to the heat of a coating oven.

- **The right product was determined for the application.**
- **Castrol's turnkey lubrication system**
- **LubeCon Series 1M/200**
- **Using the right product for the right application can provide years of extended chain life.**

IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.



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# Castrol chain lubricant and equipment

## Cost saving documentation

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### BEFORE

- \$12,669 per year for new chain
- \$1,500 = 20 man hours at \$75 per hour to replace worn chain
- Yearly spend: **\$14,169**

### AFTER

- \$2,000 One time lubrication equipment cost
- \$392 = 2 pails of 1/M200 lubricant per year.
- First year spend = **\$2,392** for lubrication equipment and lubricant
- Following years spend = **\$392** for 2 pails of lubricant

**FIRST YEAR COST SAVINGS OF: \$11,777** ( $\$14,169 - \$2,392 = \$11,777$ )

**FOLLOWING YEARS COST SAVINGS OF: \$13,777** ( $\$14,169 - \$392 = \$13,777$ )

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**COST SAVINGS OVER 26 YEARS OF CHAIN LIFE: \$356,202**

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