

Cost Savings Case Study

Manufacturing

Can Manufacturer

Castrol LubeCon Series 1M-200

ANNUAL SAVINGS: \$16,800



THE SITUATION

The previous lubricant was applied manually. Chain Wickets needed to be removed monthly due to chain wear.

BEFORE

- Two wickets were removed on a monthly basis.
- Chain life was 10 years before replacement was warranted.
- Chain pins were extremely worn.
- Two men were required to work 4 hours to remove these wickets each month.

THE SOLUTION

- Castrol LubeCon installed chain lubrication systems on both Wagner ovens.
- A dry film lubricant was used to provide maximum protection to the chains and to minimize housekeeping issues and oil consumption.
- Injection tubes replaced the oil brushes. This provided precise lubrication to the critical areas of the chain.

Right product for right application
Experience and knowledge
brought together with right
products

AFTER

- Two wickets have been removed in the past 15 years.
- Chain has been in service for 15 years.
- Chain pins show little to no wear upon inspection.

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OTHER USES PROHIBITED. DO NOT FORWARD OR DUPLICATE.**

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



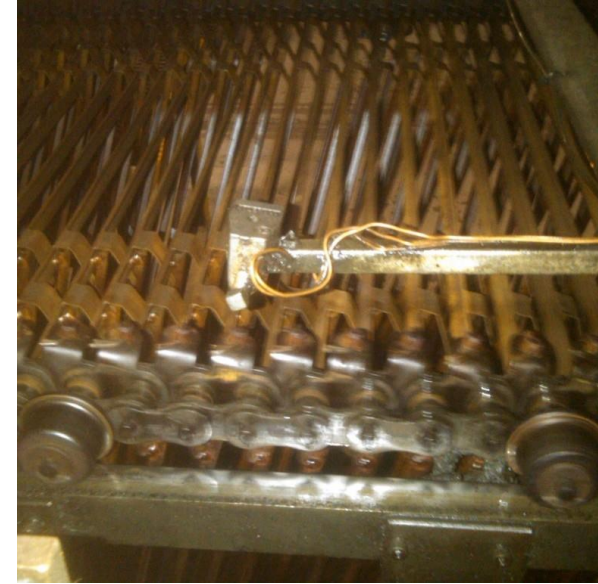
Cost savings

Wicket replacement eliminated

- Two men @ \$25.00 per hour (4 hour) = \$200
- Replacement performed once per month = \$200
- Costs per each year: \$2,400
- Estimated yearly cost savings = \$2,400
- Total for two ovens per year: \$4,800

Chain replacement cost savings

- Perm chain: \$60,000 per oven
- Five years of additional life per chain = \$30,000
- Total for two oven chains = \$60,000
- Yearly cost savings $\$60,000/5\text{years} = \$12,000$



Wicket replacement cost savings one year: \$4,800

Chain replacement savings over one year : \$12,000

Estimated total cost savings for one year: \$16,800

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