

Appliance manufacturing

Upright powder coat line

Castrol LubeCon C-hook power brush

ANNUAL PROJECTED SAVINGS: \$115,392.00



THE SITUATION

The customer was having issues with heavy dirt and contamination build up on the C-hooks on the upright powder coat line. This required changing out C hooks and having them re worked for continued service. The customer was experiencing a scrap rate of 50-60% because of the contamination.

BEFORE

- The powder coat line did not have a brush in operation to clean the C-hooks.
- 300 C-hooks had to be removed every other Saturday for re work.
- Heavy build up on the C-hooks.
- Account was experiencing a 50-60% scrap rate.

AFTER

- No C-hooks have required removal since the brush has been installed.
- Scrap rate has been reduced to 10%
- C-hooks are cleaner than prior to the installation.

THE SOLUTION

- The Castrol LubeCon sales representative worked with our engineering group to find a solution to help clean the C-hooks and eliminate the contamination.
- A LubeCon C-hook power brush was installed to clean the C-hooks.
- The power brush has been in service for 60 days.

- The build up problem was studied and a solution was established.
- This success can be expanded to other chains in the facility.
- Continued monitoring will be performed thru monthly service visits.

CASE STUDY

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



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Expenses prior to brush installation

Monthly cost to change C-hooks requiring 3 men working 4 hours at \$23.00 per hour per man (*C-hooks changed twice a month*) : \$552.00

Monthly costs to re work C-hooks: \$12.00 per hook at 600 hooks per month: \$7,200.00

Monthly scrap rate costs: \$11.65 per panel at 50 per week: \$2,330.00

Total monthly costs: \$10,082.00

Expenses after brush installation

Monthly cost to change out C-hooks: 0

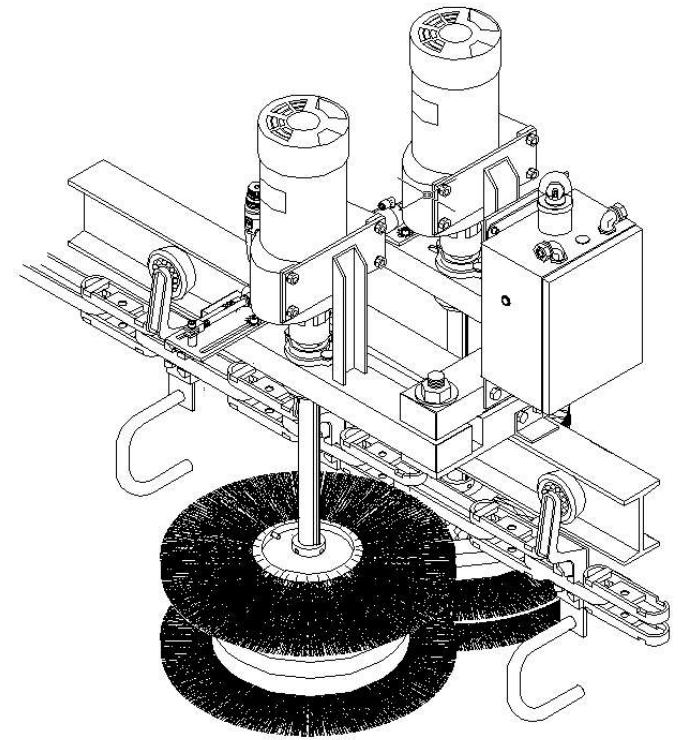
Monthly costs to re work C-hooks: 0

Monthly scrap rate costs: \$466.00

Total monthly costs: \$466.00

Total monthly savings: \$9,616.00

Projected annual savings: \$115,392.00



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Castrol Industrial North America Inc.
150 West Warrenville Rd., 603-1E Naperville, IL 60563
Tel 877 641 1600 Fax 877 648 9801
Email techhelp@castrol.com Web www.castrol.com/industrial

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