

Automotive plant USA

Application: Paint booth chains

Product: Castrol LubeCon Series-1



COST SAVINGS FOR ONE YEAR: \$21,082.00

PROJECTED COST SAVINGS OVER THREE YEARS: \$63,246.00

THE SITUATION

Castrol was challenged to reduce chain lubricant consumption while providing maximum protection to the paint booth chains.

BEFORE

- A competitor product was used on the 5 paint booth chains.
- Measurement per 100 ft on the E1 basecoat chain, over a 2 year period was +4.9”.
- Chain lubricant spend for 2008 was \$90,701.00.
- Previous chain life on the two basecoat chains was 2 years, at a cost of \$75,000.00 each to replace the chains.

AFTER

- Castrol LubeCon Series-1 was introduced to the lubrication system in January 2009.
- A new chain was installed on the E1 basecoat conveyor at this time.
- Measurement per 100 ft on the E1 basecoat chain after one year of using Castrol Lubecon Series-1 was +1.05”
- Chain lubricant spend for 2009 was reduced to \$69,619.00
- After one year since converting to Castrol LubeCon Series-1, no abnormal chain wear has been detected.

THE SOLUTION

- **Right product for the right application.**
- **The chain lubrication system is monitored by Castrol's LubeCon Technical Sales representative. Via weekly system inspections.**

Additional non-measurable savings

Regular onsite Castrol technical support to ensure control of cost and program success
Data collection to identify potential process problems.

CASE STUDY

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