

**Ford Motor Company
Kentucky Truck Plant
Louisville, Kentucky
Paint booth chains
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.
- Average inches of wear on the East and West basecoat chain was 3.34" over a 2 year period.
- 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 East and West basecoat conveyors at this time.
- Average inches of wear on the East and West basecoat chain was .263" over the course of one year.
- Chain lubricant spend for 2009 was \$69,619.00
- After one year since conversion to Castrol LubeCon Series-1 no abnormal wear on chain 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

YOUR ADVANTAGE IN AN INDUSTRIAL WORLD

