

Case Study | Aerosol Cans vs. 3M PPS

Customer: Axle manufacturing

Challenge:

1. Customer requested a lower cost on aerosol spray paint
2. Safety Director desired to lower the VOC levels
3. Do not slow down production



Benchmarking:

1. Production –10,000 Axles produced per week.
2. Current cost - Aerosol 9 oz. spray paint. Dry time 30 minutes. The paint related cost per axle is \$.37.
3. Hidden costs – Hazardous Material Disposal \$700 per month. Can puncture and crushing cost \$125 per month.
4. Total Annual cost for painting axles \$202,300

Solution: 3M PPS System and bulk low VOC paint

After testing a low VOC paint with a 30 minute dry time and the 3M PPS System we were able to lower the cost per ounce used per axle to \$0.089.

Results:

We were able to show the customer a **savings of \$128,000 in the first year!**