



CASE STUDY

VALUE PROPOSITION

- **Employee Safety:**
Safer, butyl and phosphate free water-based cleaning alternative to muriatic acid ensured a healthier working environment for employees
- **Performance:**
Powerful formula eliminated the need for power brush equipment and required less product use to achieve thorough cleaning without costly damage to molds
- **Cost Savings:**
Minimized mold damage and significantly reduced cleaning times, resulting in estimated annual savings of \$20,000



PRODUCT

LPS® BFX All-Purpose Cleaner

BOTTOM LINE

Enhanced Safety & Cost-Effective Cleaning Solution
Automotive Component Manufacturing: Plastic Molding

APPLICATION

- Cleaning of automotive plastic molds

ISSUE

- The customer faced significant challenges using muriatic acid and brass power brushes to clean automotive plastic molds. This method posed serious health and safety risks to employees and caused damage to the molds and brass scrubbing brushes over time, contributing to long-term wear and tear and increased maintenance costs.

SOLUTION

- LPS® BFX All-Purpose Cleaner

RESULT

- LPS® BFX All-Purpose Cleaner was diluted with fresh water at ratios between 1:3 and 1:6 then applied to molds for three minutes before cleaning. Wiping easily removed residue and soils without damaging molds, completely eliminating the need for power brush equipment while reducing cleaning times from three hours to twenty minutes per mold. The safer, butyl and phosphate free water-based formulation significantly reduced health risks for employees, and quicker mold turnaround times allowed for substantial labor savings of \$9,335. The customer also saw over a \$10,000 reduction in mold damages and product usage, leading to overall estimated annual savings of \$20,000.

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Approximate Case Weight
05528	28 fl oz / 828 mL	trigger	12	27lbs
05501	1 gal. (3.78 L)	bottle	4	37lbs
05555	55 gal. (208 L)	drum	1	535 lbs



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