



High-Performance Surface Finishing That Delivers

The Challenge

A manufacturer of high-performance components for vintage and hot rod vehicles recognized a critical shortfall in their operations: their surface finishing process was inadequate to meet their quality standards. With no in-house powder coating operation, their products lacked the high-quality finish needed to align with their reputation. Determined to close this gap, they decided to develop their own powder coating system and turned to Hubbard-Hall for expert guidance.

The Approach

Hubbard-Hall collaborated with the manufacturer to design a custom pre-treatment process tailored to their needs. This comprehensive solution included three advanced cleaning products: **AquaEase PL 86**, a low-foam, heavy-duty alkaline cleaner for optimal cleaning; **Hubfos 150**, an organic accelerated iron phosphate for effective surface preparation; and **Emerald Seal**, a non-chromated final seal treatment for superior corrosion resistance.

Beyond simply supplying products, Hubbard-Hall provided expertise in system design and process optimization, ensuring every step of the pre-treatment process worked seamlessly with the company's powder coating operation. By aligning chemistry with operational goals, Hubbard-Hall delivered a process that not only met but exceeded expectations.

Executive Summary

A manufacturer of vintage vehicle components partnered with Hubbard-Hall to develop a high-quality surface finishing process for their in-house powder coating operation.

- Transformed surface finishing with advanced pre-treatment chemistry.
- Reduced operational costs while improving product quality.
- Elevated efficiency and positioned the company as a leader in their market.

The Outcome

The tailored pre-treatment process led to transformative results for the manufacturer. Labor and chemical costs were reduced significantly as the improved system eliminated inefficiencies in the coating process. The new pre-treatment chemistry enhanced product quality by creating a more uniform and durable coating, which also provided superior corrosion protection. The company's powder coating operation transitioned from being a bottleneck to a hallmark of their production, improving overall efficiency and enabling them to keep pace with growing demand. These improvements positioned the manufacturer as a leader in their industry, delivering high-quality components with confidence and consistency.



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“Hubbard-Hall won this business and our confidence based on their expertise and the exceptional level of service they provided. That means the world to us!”

Our people. Your problem solvers.

Expertise you can trust. 32% of Hubbard-Hall associates are in tech support, customer service, or sales. This means that you get answers fast while the rest of our team gets your order delivered on time and in spec.

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