

“We turned to Hubbard-Hall twenty years ago to improve coating weight and salt spray results. Both objectives have been met consistently, exceeding our customers’ specifications.”

Rhonda Fiske, Quality Manager,
Tru-Line Manufacturing, Inc.

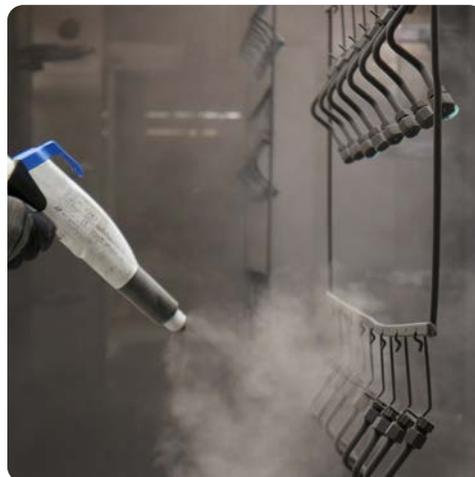
Finishing the Hard to Finish

Hubfos 150

Hubbard-Hall’s Hubfos 150 process provides superior corrosion resistance when compared to traditional iron phosphates and many newer phosphate-free technologies.

Hubfos 150 produces a higher coating weight than most traditional iron phosphates and has a synergistic effect when combined with Hubbard-Hall’s Emerald Seal 308. For many businesses, a conversion coating process using Hubfos 150 may present a better alternative than non-phosphate technologies. Typical scenarios where Hubfos 150 is the better choice:

- Iron phosphate is required by specification
- The line washer is not in good condition
- Insufficient rinsing with high bath carry over
- Frequent line stoppages and process interruptions
- Corrosive environment leads to flash rusting
- Incomplete or poor results during cleaning processes



Key Features

Why Hubfos 150 with Emerald Seal 308?

- Easy to use
- No break-in required
- Higher coating weight
- Superior corrosion resistance



A Winning Team – Hubfos 150 & Emerald Seal 308

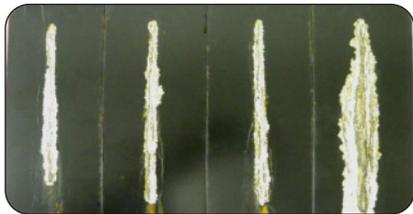
By combining Hubfos 150 with Hubbard-Hall’s Emerald Seal 308, manufacturers can achieve the same paint adhesion results as with competitive, non-phosphate chemistries. Emerald Seal 308, an acidic non-chrome sealer, fills the pores of the Hubfos 150 coating. This delivers 300%+ improvement in corrosion resistance over deionized water rinses and many traditional non-chrome sealers.

This ASTM B-117 salt spray analysis per ASTM D-1654 paint adhesion specifications shows 750 hours of protection is achievable when including Emerald Seal 308.

Panels 1-4: non-chrome sealer



240 hours

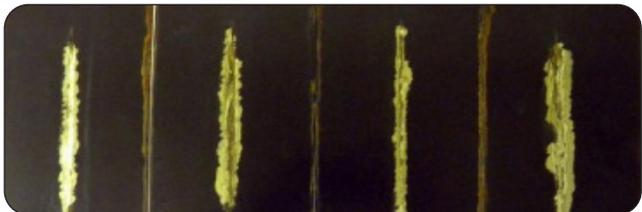
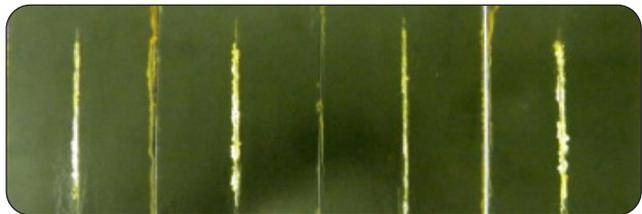
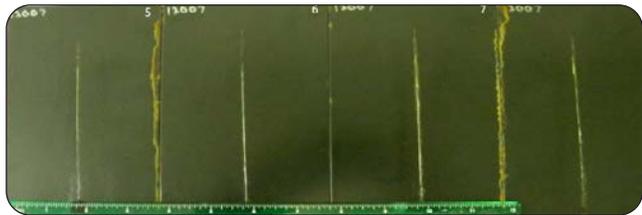


504 hours



750 hours

Panels 5-8: Emerald Seal 308



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