



Case Study - Trailer Manufacturer - Scale (Nine month evaluation)



- Installer:** Hydrowerks, *HydroFLOW* Master Distributor for IA, KS, MN, MO and NE.
- Customer:** Carry-on Trailer - Missouri Valley, Iowa. Manufacturer of utility, cargo, horse, livestock and specialty trailers.
- Application:** Scaling problems with wash bay water heaters, pumps, hoses and washer wands.
- Device:** *HydroFLOW* C45 water conditioner.
- Installation date:** January 12, 2012.
- Evaluation date:** November 1, 2012.



Background:

The Iowa manufacturing facility is the largest in the Carry-on Corporation. Monte Most, Shipping Manager, was looking for a non-chemical system that would eliminate the scale build up inside the 3,000 PSI wash system.

- The manufacturing facility is fed from city water.
- Water is relatively hard at roughly 300 ppm.
- Water softener and/or chemicals are not used.
- Replacing and maintaining equipment due to scaling is well over \$3,000 per year.

Problem area:



Wash bay where trailer parts are cleaned before assembly.



Proposed solution:

A C45 water conditioner was installed on the copper pipe at the first wash bay where parts are washed.



Results:

Since installation, the wash bay water heaters, pumps, hoses and washer wands have been free of scale. The customer is very pleased with the results.



Quote from customer:

“Upon opening up the pumps, we found no scale. The water heaters, hoses and fixtures look the best that they have ever looked! Now that we’re convinced Hydropath technology works to prevent scale accumulation, we intend to install *HydroFLOW* devices in our other manufacturing facilities.”

Estimated Return On Investment:

Roughly one year.

Referral Information:

Please contact Roland Eppert, President of Hydrowerks, in order to receive the customer’s information.

Phone: 515-238-3623

Email: reppert@hydrowerksusa.com

Website: www.hydrowerksusa.com