



When Surface Finish Matters...

Industry: Chemical, product transfer

Material: 304 Stainless Steel

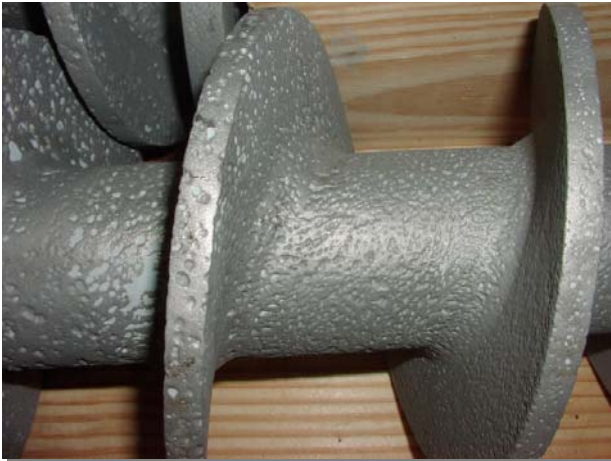
Case: 1501

Problem: This customer had ongoing problems with product adhesion and buildup on the surfaces of transfer lines and equipment. The product buildup had slowed product transfer rates and lowered the system efficiency. Conveyor screws quickly developed product buildup, and began to place a large load on the drive motors. Product line was regularly shutdown to clean product buildup from screw faces. Surfaces exhibited heavy pitting due to corrosive environment.

Questions: Call or E-mail our Support Team

1-800-245-5707

info@harrisonep.com



Solution: The required surfaces were polished to Harrison C-75 specifications. The shaft and flight faces of the conveyor screw were polished to reduce product adhesion. The OD surface was not polished so that the critical dimension was not altered. The customer saw a significant reduction of product buildup. Interval between cleaning shutdowns was increased. Time required to perform cleaning operation was decreased. Drive motors no longer experienced elevated loads.

Harrison Electropolishing, L.P. specializes in electropolishing, precision mechanical polishing, passivation, oxygen cleaning, and chemical cleaning of high purity stainless steel processing equipment. With Harrison Electropolishing, you will receive service from some of the best and most experienced craftsmen in our industry.