



Challenge: Increase Corrosion Protection

Solution: New Finishing Process

A manufacturer of hydraulic cylinder rods was looking for increased corrosion protection. Lincoln Industries reviewed the current process and identified finishes that would provide the increased product life.

Critical to the product were the tight tolerances required for the rods to work in the equipment. In conjunction with the customer, Lincoln Industries co-developed a process for extended corrosion and wear resistance on high performance cylinder rods. Lincoln Industries also invested in specialized polishing equipment to ensure smooth and level polishing. So the plating would not build up at the rod ends, Lincoln Industries designed racks and shields.

