

Hi-Chrome impeller and insert ring upgrade will dramatically improve service life of pump

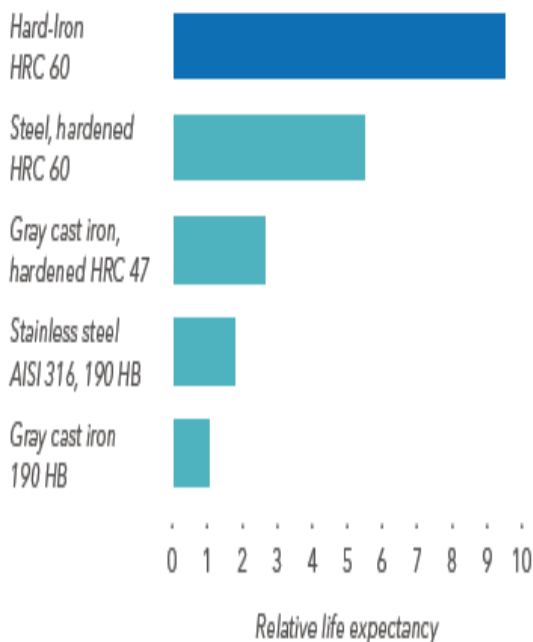
Problem: Sand and grit dramatically reduce the service life of cast iron components causing inefficient pumping and high repair cost. The Customer was looking for a long term solution to reduce these costs and provide a safer work environment.



Cast iron insert ring



New hi-chrome insert ring



Solution: Kennedy Industries evaluated the site conditions and recommended providing a hi-chrome impeller and insert ring. Kennedy Industries machined existing pump volute in-house to accept a new hi-chrome insert ring and installed a new hi-chrome impeller. These upgraded parts, with 25% chrome content is a unique alloy with superior hardness designed for the toughest abrasive waste water applications. Higher wear and erosion resistance prolongs pump efficiency and reduces the cost of energy, maintenance and improves safety. With the upgrades provided by Kennedy Industries, the Customer was able to save money and have their pump restored to better than new condition without the need to purchase a new pump.