



Cam & Groove Couplings

Chemical Processing – Acid Concentrator/Distributor

General Information

Customer: Reagent Chemical
Product: Cam & Groove Couplings
Application: HCl Concentrator / Distribution
Install Date: 2008

Problem

Reagent Chemical, a leading concentrator and distributor of hydrochloric acid (HCl), was experiencing excessive corrosion on their Hastelloy-C cam and groove couplings. These Hastelloy-C couplings would survive between 3-6 months when dealing with concentrated HCl making them a maintenance problem and a costly product.

Solution

Tantaline treated stainless steel cam and groove couplings were installed on various tanks in early 2008.

Result

The Tantaline treated cam & groove couplings lasted 3-4 times longer than the Hastelloy C couplings while the cost of the Tantaline couplings were competitive with Hastelloy. As a result, Reagent Chemical has saved money and is more productive due the improved product life and significantly less maintenance that is required.



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