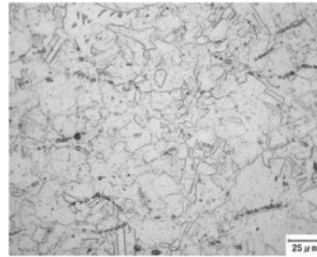


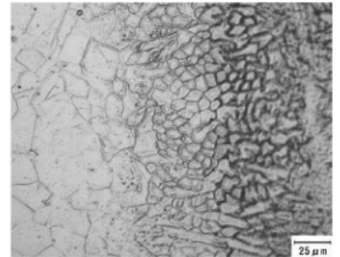
1. The Challenge



Polythionic Acid Stress Corrosion Cracking (PTA-SCC) is a type of intergranular stress corrosion that affects sensitized stainless steels in refineries processing feedstocks containing sulphur. This damage mechanism primarily affects standard and high carbon stainless steels, but low carbon and chemically stabilized stainless steels may also be vulnerable under certain conditions. PTA-SCC typically does not occur during normal processing, but rather, after the equipment is shutdown and opened up for inspection (i.e. when moist air contacts the surface of equipment that has been exposed to sour hydrocarbons in service).



Base Metal



Heat Affected

2. The Solution



PTA Treat is a formula designed to prevent polythionic acid (PTA) stress corrosion cracking on 300 series stainless steel and certain alloys. The formulation is a pre-made liquid concentrate ready for field use. Simply dilute with a low chloride water source and one 275-gallon tote of PTA Treat will produce 10,000 gallons of treating solution. Contact Refined Technologies to learn more about PTA Treat.

**Prevents Polythionic
Acid Stress
Corrosion Cracking**

