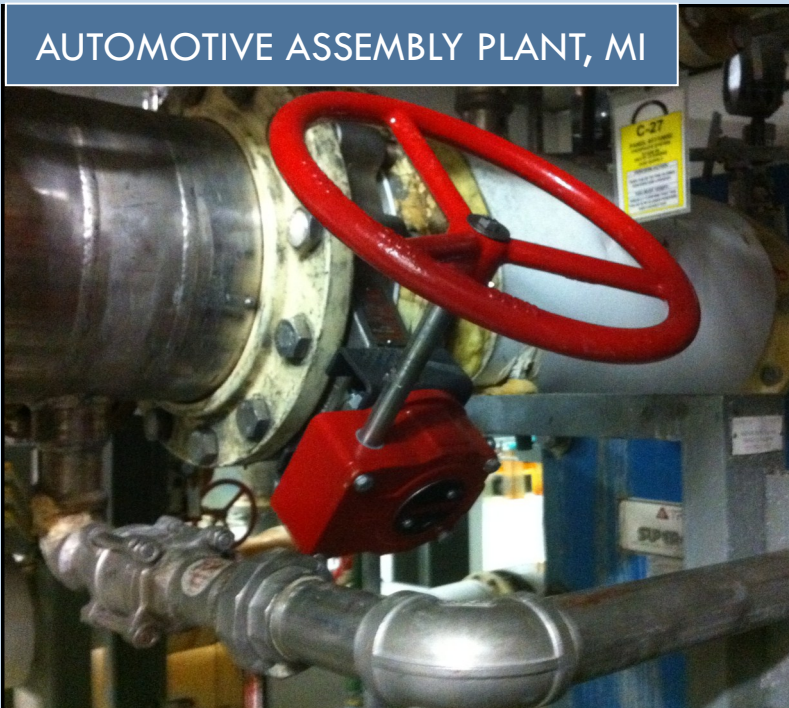


Bray HP Butterfly Valves Save Time & Money

AUTOMOTIVE ASSEMBLY PLANT, MI



- Carbon or Stainless Steel Construction
- Double Offset Disc
- Blow-Out Proof Stem
- Adjustable Packing
- Zero Leakage
- Temperature Range from -20°F to 500°F

SOLUTION: Kennedy Industries supplied Bray Series 40 High Performance Butterfly Valves with 316 stainless steel body, 316 stainless steel disc and PTFE Seat. The Series 40 valves were designed to handle high temperature and high pressures applications and are perfectly suited for the 135°F zinc phosphate. The Bray valves have been in service since October 2010 and the plant has not had any problems operating them. The plant is now able to eliminate the high cost of down time as having to change the resilient seated valves during unscheduled maintenance is a thing of the past.

PROBLEM: At a local Automotive Final Assembly plant, zinc phosphate leaves the heat exchangers at approximately 135°F . The plant's existing resilient seated butterfly valves did not seal at the stem connection, allowing zinc phosphate to leak up into the stem of the valve and attack the cast iron body. This resulted in widespread valve failure. The plant could only get a maximum of six months service life out of a valve before the valve would bind, making operation difficult or impossible. The plant would then be forced to shut down the line and replace the valve, which was very costly.

