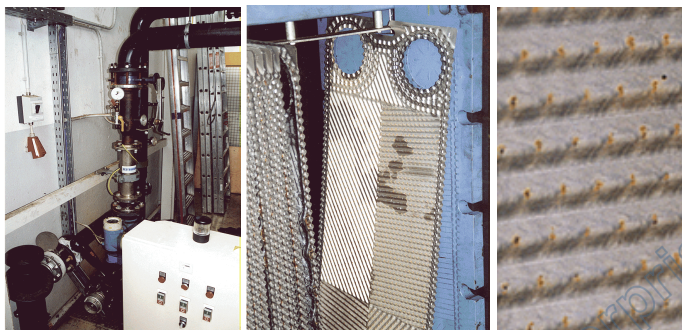


C A S E S T U D Y

CONTINENTAL TEVES Gifhorn Germany



OVERVIEW

Continental Teves is located in Gifhorn near the Volkswagen AG manufacturing plant. The company is well known for its tire products and is one of the biggest automotive industry suppliers. The plant in Gifhorn produces ABS control units for the car manufacturing market.

WATER SYSTEM CHALLENGES

The facility had scale deposits and corrosion (causing holes in the stainless steel plates) in plate heat exchangers, causing short average life of the systems, downtime and excessive cost of maintenance.

SOLUTION

In 2002, ION **ScaleBuster**[®] conditioners were installed on the discharge side of the pump in the circuit cooling systems, as protection of the plate heat exchangers and the machine cooling.

RESULTS

The **ScaleBuster**[®] had protected the heat exchangers, pumps and piping of the cooling systems, and added prolongation of maintenance intervals (approximately factor 4-6). In 2004, after almost 2 years, the plate heat exchangers were opened for examination (vs. control heat exchangers with no ION **ScaleBuster**[®] protection) and found them to be with no corrosion and no scale formation (while in the control heat exchangers corrosion and scale formations were found as before).

ABOUT THE TECHNOLOGY

The patented **ScaleBuster**[®] technology completely replaces traditional chemical treatment; providing control of scale and corrosion in various water process systems to create an exceptionally clean system. This dramatically reduces energy and water consumption, while reducing or, in certain cases, eliminating toxic water discharge to the environment.