

CASE STUDY

Titanium Pumps' Smooth Operation

Clorox, Georgia



US chemical giant Clorox has installed several titanium Discflo pumps for a highly alkaline, viscous application at its plant in Georgia. The product being pumped, a proprietary cleaning fluid, is a chemical slurry with 5% solids, viscosity varying from 1000 to 1500 cP and a pH of 13. Both the pump cases and Discpacs were constructed from titanium due to the highly corrosive nature of the gel-like fluid. The pumps, 302-10-2HHD and 402-14-2HHD models, will pump flow rates from 20 GPM to 100 GPM at heads of 42 ft and 226 ft respectively.

Discflo visited the Clorox plant at the end of 1997 and reported that the user was extremely satisfied with the disc pumps' performance to date. "They were impressed with the smooth and quiet operation of the titanium pumps, and the ability to run with suction and/or discharge valves closed.

"The plant engineers and maintenance people liked the simplicity of the pump, and ease of operation. The lack of close tolerances was also well received. They still don't believe the Discflo pump can pump live fish, even after seeing the video!"

Another factor persuading Clorox to choose Discflo was the fast delivery time of the specialty titanium pumps. "It took us just three weeks from receiving the order to the shipment," says Discflo Sales Engineer, Jim Kuller, "no other pump company could beat that!"

The Challenge

Highly alkaline fluid, pH 13

Varying viscosity, gel-like fluid

Needed in three weeks from date of order for new product launch

The Discflo Solution

Titanium wet end for corrosion resistance

Discflo pump's unique design ideal for varying viscosities

Turnaround time of three weeks from order to delivery

DISCFLO
INTELLIGENT. SUSTAINABLE. SOLUTIONS

Call Discflo now to find out how our pumps can solve your problems.