



# Case Study

## Titanium Pumps' Smooth Operation

*Crompton & Knowles, Reading, PA*

### 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 has cut maintenance costs and increased production at the dye manufacturing plant of Crompton & Knowles in Reading, PA. The pump is installed on a dye slurry/filter press application.

During a visit to the plant in 1989, the plant operators reported several advantages of the Discflo pump over the previous air-diaphragm unit. They observed that the time to process a batch has been reduced from two hours to 1-1/2 hours using the Discflo. This has not only saved operating (electricity) costs but also increased production rates.

The most significant advantage though is in maintenance costs. The operators rebuilt the air-diaphragm pump every two months, at an average cost of approximately \$1000. This equates to an annual cost of \$6000 per pump, not including the cost of air to run the pump and the labor costs of maintenance.

The only maintenance expected for the Discflo pump is packing replacement and keeping the bearing frame greased. No other parts are required under normal operating conditions.

*The following information was provided to Discflo by distributor Ed Jalowicki of Aledco Inc, based on his visit to the plant in 1989.*

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



### Discflo Corporation

10850 Hartley Rd  
Santee, CA 92071  
Phone: (619) 596-3181  
Fax: (619) 449-1990  
Sales@Discflo.com  
www.Discflo.com