

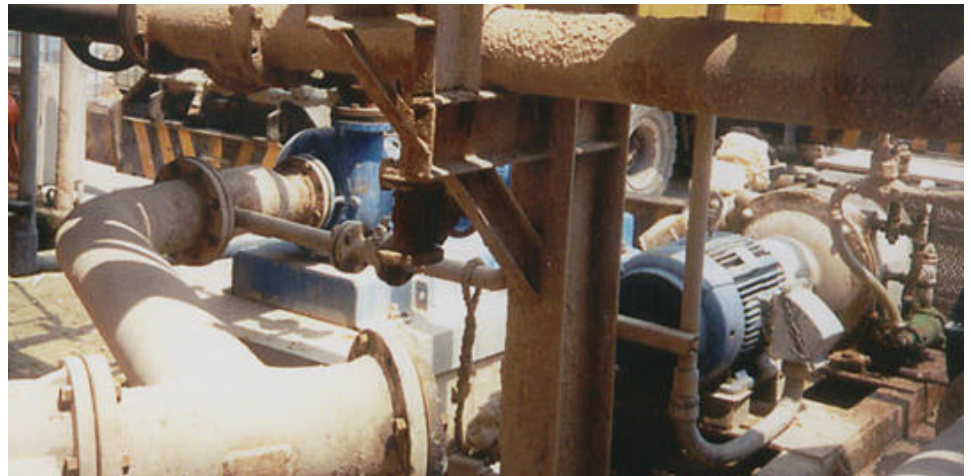
# CASE STUDY

## Phosphoric Acid Slurry Pumping

*Fertinel, Mexico*



Fertinel, a major fertilizer company in south Mexico, was having problems pumping its highly corrosive, 60% solids-containing phosphoric acid slurry. The high rates of pump breakdown from the existing rubber-lined centrifugal pumps interrupted the production work flow, costing the company both in lost productivity as well as in equipment repairs. On average, these centrifugal units lasted only two months before breaking down from excessive wear or clogging by the solids.



### The Challenge

- Highly acidic slurry
- Solids content of 60%
- Frequent pump breakdown

### The Discflo Solution

- No close tolerances for pumping high solids slurries
- 'Non-impingement' pumping reduces corrosion and wear
- Outlasts centrifugal pump many times with hard-to-pump fluids

Discflo pumps were installed in the phosphoric acid slurry process in May 1998. For the past two years, they have been operating 24 hours a day, seven days a week, with no downtime, already outlasting the previous pumps by three times!

**DISCFLO**  
INTELLIGENT. SUSTAINABLE. SOLUTIONS

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