



Case Study

Pump Success with 40% Entrained Air

Yuen Foong Yu Mill, Taiwan

The Challenge

40% entrained air caused centrifugal pump to break down

Frequent pump repairs

The Discflo Solution

Discflo's unique pump handles up to 70% entrained air

No downtime and only routine maintenance since start-up

Greatly reduced repair costs

The Yuen Foong Yu paper mill in Taiwan has placed an order for a second Discflo pump following the success of the first installation. The paper mill ordered its initial Discflo pump in September 1990 to pump overflow from its eight Krofta-Floating cells. The overflow of de-inking white water is a mix of ink oil and water and contains 40% entrained air.

Since start-up, the Discflo pump, a model 403-14-2HHD, has performed exceptionally well in service, with no downtime and only routine maintenance required. The mill previously used a centrifugal type pump for this application. However, due to the high volume of entrained air in the product, breakdowns and repairs were frequent.

This problem was solved with the Discflo pump, which uses a unique operating mechanism to minimize contact between the pump and the product being pumped, and produce a smooth, laminar flow. It can handle fluids containing up to 70% entrained air without vapor-locking or otherwise failing in service.

"We are very satisfied with the Discflo pump" comments a spokesman for Yuen Foong Yu. "It has greatly reduced our downtime and repair costs compared to the pump we used before." The company is purchasing a second pump to meet increased production demands. The equipment will be delivered and installed by E-Chen Engineering Co, Discflo's distributor in Taiwan.

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



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