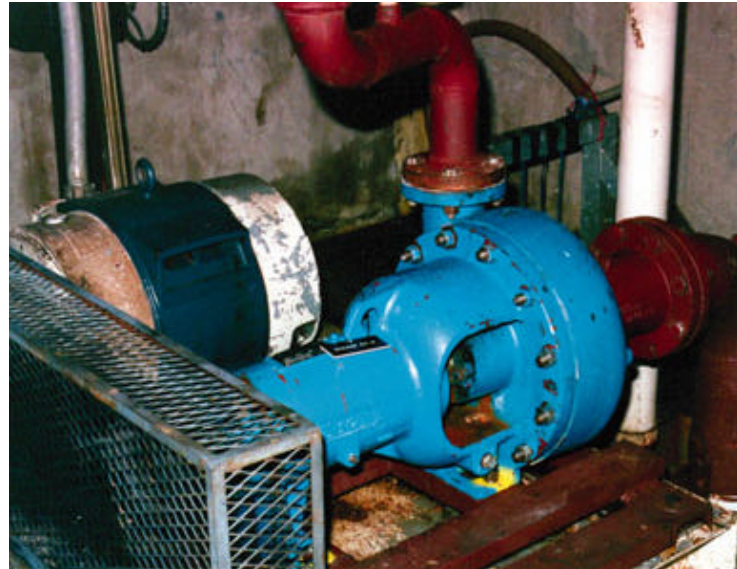
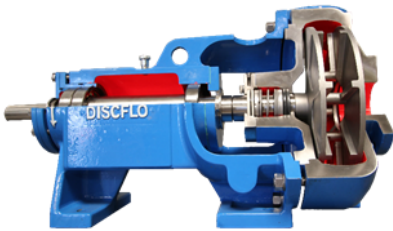


CASE STUDY

Six Years Pumping 70% Sand Sludge

Potlatch Corp., McGehee, Arkansas



The Challenge

Six week average between breakdowns for centrifugals

Spending \$42,000/year on spare parts from abrasive wear

Sand content of sludge at 70%

The Discflo Solution

No pump repairs due to wear and no breakdown for six years

Saving \$10,000s in pump parts

Discflo 'non-contact' design, laminar flow good for 80% solids

Following the success of their initial Discflo pump purchase, Potlatch Corporation of Arkansas has just acquired a second unit to pump its highly viscous and abrasive clarifier sludge.

The first Discflo pump, a 604-2HHD, was started up in November 1995. It is used to pump clarifier sludge with a viscosity of 300cPs and a 70% sand content at the rate of 450 gallons/min. The Discflo pump replaces two self-priming centrifugal pumps. The previous pumps broke down on average once every six weeks and suffered badly from wear due to the highly abrasive nature of the sludge. At a conservative estimate, the plant manager calculated the company was spending around \$21,000 per year per pump on spare parts.

The Discflo pump, on the other hand, has just required its first replacement part due to corrosion ... six years after start-up! Not surprisingly, the company is extremely satisfied with the results. "Since start-up, the Discflo pump has been running with zero downtime," comments the maintenance superintendent at the mill.

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

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