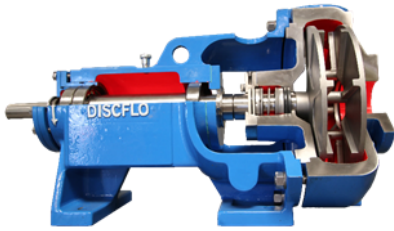


CASE STUDY

Disc Pump Solves Clogging Problem

Sonoco, Atlanta, Georgia



The Discflo disc pump has solved a costly problem for Sonoco at its plant near Atlanta, GA. Installed in 1994, the disc pump has required only minimal maintenance in the past five years and replaces a pump that was costing \$2500 every four months in repairs.

The disc pump is used to transfer pulp from the clarifier to the pulping area. The fluid is viscous and contains solids, such as strapping and trash. At times, the solids can be as big as golf balls. The pump, a horizontal end-suction 806-14-2HHD model, operates at 600 US GPM with a TDH of 25 ft.

The Challenge

Fluid contains strapping and trash

Frequent pump failure from clogging of bearings

\$2500 every four months to fix existing chopper pump

The Discflo Solution

Open, no close tolerance design of Discflo eliminates clogging

Saving \$1000s in pump repairs

Minimal maintenance in five years' service



Discflo replaced a vertical chopper pump in this application. The previous pump would fail every four to five months due to clogging of the bearings, and was costing the company around \$2500 to fix each time. With the disc pump, they have had minimal maintenance, the only repair has been to replace the packing and bearings once in five years.

Sonoco is one of the world's largest manufacturers of packaging materials for industrial and consumer markets, and a leading producer of recycled paperboard, using more than a million tons of recovered paper annually at its various locations. The Atlanta plant uses 100% recycled paper as its raw material to manufacture cardboard tube.



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