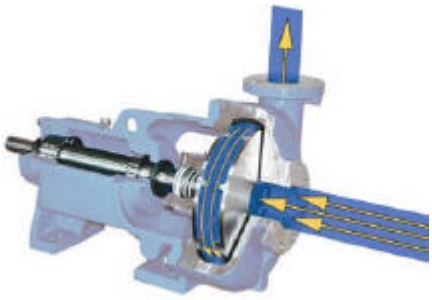
CASE STUDY

Pumping Highly Viscous Resin

Monsanto (now Bayer), Addyston, Ohio



At its plastic manufacturing plant in Addyston, Monsanto (now Bayer) had tested several types of air-operated diaphragm units to pump a formaldehyde resin mixture. The product was not only highly viscous and temperature-sensitive, but also increased in viscosity as it cooled. The plant found the air-diaphragm pumps had trouble handling this level of viscosity and would break periodically, spewing the resin into the plant and creating an environmental hazard.

The company purchased the first Discflo pump, a Model 2015, in August 1994 to pump samples of the resin. A second pump was purchased a few months later to use as a spare. After solving an initial seal problem, the Discflo pump has been operating very well for the past 12 months. There has been no product leakage and no problems with breakdown since start-up. The company reports that they are very happy with the Discflo pump's performance.

The Challenge

Highly viscous product

Temperature-sensitive application

Environmental hazard from pump breakdown (diaphragm rupture)

The Discflo Solution

Discflo pump handles high viscosity fluids with ease

No more product leakage

No breakdown in 12 months

DISCFLO
INTELLIGENT. SUSTAINABLE. SOLUTIONS

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

CONNECT WITH US +1-619-596-3181 | sales@discflo.com | 10850 Hartley Road, Santee, CA 92071 | www.discflo.com