

Bragging Writes

How We Make It Work Better

A case study presented by:

MGNewell



Does your plant have a basin retention pond behind the plant? If so, how does your submersible mixer and motor stand up to these harsh conditions?

A toothpaste manufacturer was struggling to find a solution for keeping their retention basins mixed. These basins are loaded with abrasive materials, wastewater, and CIP solution. As seen in the picture, their old submersible mixer and motors were struggling in this harsh environment. Plant associates were servicing and often **replacing the motors every few months**.



Our M.G. Newell sales associate recommended a motor from Stainless Motors, Inc (SMI). SMI is a US-based manufacturer of stainless-steel wash-down motors, gear reducers and couplings. They developed the first stainless washdown electric motor offered on the market.

We took their old prop and shroud from one of their mixer setups and attached it to a new SMI stainless washdown motor. The motor has been installed and running 24/7 for **nearly 2 years with NO problems** and no maintenance needed. Plant personnel can simply check the amp draw for feedback on motor performance.



In our busy day to day operations, we sometimes lose sight of the time and energy spent on maintenance. The SMI motor was slightly more expensive in its up-front cost, however plant associates acknowledge that the ROI occurred within the first 6 months. It also means less time that they must spend digging into this muck.



We realize in this “challenged” economy that everyone is looking for ways to tighten their process parameters and keep costs down. Contact one of our associates to see how **We Make It Work Better**.