



EnviroGear Pumps Conquer Tough Application for Major Silicon Manufacturer

CHALLENGE

When Wacker Burghausen, one of the world's largest silicone manufacturers, needed a pump to perform the critical task of transferring raw materials from agitators to their tank farm or semi-automatic radial filling plant, the company knew an internal gear pump was up to the challenge. Because of the corrosive nature of the materials being handled, the company needed a pump that performed the task in a leak-free manner in order to comply with TA Luft emission standards. However, when the selected pump began experiencing frequent mechanical seal failures, disrupting the production process while also causing environmental and safety hazards, the company knew it needed a better internal gear pump solution.

SOLUTION

When looking to improve overall pump reliability and eliminate the maintenance, environmental and safety concerns caused by the seal failures on the previous pump, Wacker Burghausen chose to install an EnviroGear E Series E1-24-SS Stainless Steel Seal-Less Gear Pump.

RESULTS

The EnviroGear pump has been providing trouble-free operation for over five years, running approximately 10 hours per day, without experiencing any seal leakage.

"We knew that an internal gear pump was suitable for this type of application. But when our previous pump began to experience seal failures, we knew we needed a better option. We chose to go with an EnviroGear pump because it features a simple, mechanical design and ease of maintenance."

- Operating Engineer, Wacker Burghausen