

# PERIFLO PUMPS IN ACTION



## **RBT Series Pumps in Action**

**PeriFlo RBT pumps in abrasive Lime Slurry service at a southern California Water Treatment Plant.**

**Design:** PeriFlo RBT hose pumps feature shoe compression technology to compress the hose in applications up to 220 psi. They also include PeriFlo's compact "Direct-Connected" design. A NEMA C-Face motor is flange mounted to an in-line gearbox that is in turn flange mounted to the pump, resulting in perfect alignment for life. Additional baseplates, riser blocks, couplings and guards are not required. ***The pump assembly is more compact, lighter yet more reliable than long-coupled designs offered by other manufacturers.***

**Long-Life:** Long life is about more than just the pump, it includes the gearbox and drive. PeriFlo RBT and FMP Series pumps include a rugged internal pump bearing mounted directly under the compressing load. This cartridge bearing arrangement easily absorbs a radial compressing loads. Radial loading of the gearbox bearings is completely eliminated. ***The result ... long gearbox life !!!***

**Abrasion Resistant:** Rugged PeriFlo RBT hose pumps feature outstanding abrasion resistance. There are no mechanical seals, no rubbing parts and no product lubricated surfaces. Only the inside of the rubber hose is exposed to the abrasive media being pumped and the gentle peristaltic pumping action along with the energy absorbing rubber hose results in virtually no abrasive wear. ***The result is a simple, reliable pump with easy maintenance and low cost of ownership.***