

## SUMITOMO SUCCESS

**INDUSTRY:** Automation

**APPLICATION:** Lowrator

**PRODUCT:** Hyponic

### **PROBLEM/CHALLENGE:**

An Illinois Automation Plant redesigned their application from a single gearbox running two shafts (with a series of chain/sprockets/idlers) to a direct drive system containing one gearmotor for each shaft.

The first redesign utilized a competitor's worm drive reducer, which lasted a week before leakage and failure. In an attempt to resolve the situation, the competitor recommended an increase in the reducer's size. This increase improved the case; however, their reducers were still failing within 4-5 weeks.

The customer noted that the competitor's reducers were running extremely hot and leaking constantly.

### **SOLUTION:**

A grease-lubricated, Hyponic gearmotor replaced the competitor's inefficient reducer. Due to the Hyponic's smooth, practically frictionless operation, torque is transmitted more efficiently and will produce less heat than a conventional worm gear.

Also, the grease lubrication feature allows the reducer to be mounted universally and is virtually maintenance-free.

## WITH SUMITOMO...

Upgrading to the Hyponic has virtually eliminated all preventative maintenance and downtime!

### **OUR SOLUTION IN ACTION**



### **THIS CUSTOMER SAID...**

**At first, some were asking why we were spending more than we usually do on gearboxes. Now that they have seen the benefits of using Sumitomo, I am getting requests for your product in other locations.**