

# SUCCESS STORY

## OMEGA HL



### INDUSTRY

Public Works

### APPLICATION

Centrifuge Drive

### COMPANY PROFILE

Waste water facility

### PROBLEM

A centrifuge drive was requiring constant maintenance due to frequent breakdowns. Original pivot arm tensioning system in the design was causing tooth shear on competitor timing belts.

### SOLUTION

Optibelt OMEGA HL

### RESULTS

Drive was re-designed to remove pivot arm tensioning system with new motor base, and the timing belt was replaced with Optibelt OMEGA HL. OMEGA HL has a fiber-loaded rubber compound which strengthens the teeth and eliminated the tooth shear failures. Belt life was significantly increased, and the improved design runs much smoother and quieter.