

# PROBLEM & SOLUTION

- **Industry:** Food & Beverage
- **Application:** Protein Processing
- **Result:** Reduced Energy Cost by 66% & Fixed Leakage
- **Products Used:** Cyclo® Overhead Drive



## PROBLEM

Years ago, in order to get a very high ratio in a gearbox, many companies turned to **Compound Worm gearboxes** into their applications.

Compared to newer options, Worm gearboxes are now considered **very inefficient** and prone to **oil leakage**.

Also, the lack of efficiency creates **heat and pressure** in the gearbox and motor, causing **premature failure**.

## SOLUTION

**Cyclo® technology** has a **high-efficiency** rating and is proven to operate ceaselessly in Food & Beverage applications. Due to its increased efficiency, the plant **reduced** its energy consumption by **66%** and reduced its carbon footprint.

To combat the oil leakage problem that Worm gearboxes are known for, the rugged Cyclo® gearbox was lubricated with **high-quality grease**, guaranteeing the customer years of **trouble-free** operation.