

PROBLEM & SOLUTION

- Industry:** Food & Beverage
- Application:** Beverage Conveyor
- Result:** Reduced Energy Cost by 30% & Fixed Leakage
- Products Used:** Hyponic® Gearmotor



PROBLEM

A popular beverage producer was complaining about the **short lifespan** of the **worm gearbox** they had installed.

With this competitor's unit, the **input shaft** was located **below the output shaft**. Because of the loading of the belt, the input seal and bearing **failed constantly**, resulting in **unsafe puddles of oil** on the shop floor.

This configuration of this worm gearbox was also **highly inefficient**, creating the risk of a **burn hazard** for employees.

SOLUTION

Our **grease-filled, maintenance-free Hyponic®** gearbox **eliminated the oil leakage** problem.

Due to its **30% increase in efficiency**, our gearbox also ran **40 degrees cooler**, **eliminating** the burn hazard.

Additionally, the **energy savings** of this application qualified as a **reduction in carbon footprint** for the company's **sustainability goals**.