# **SUCCESS STORY**

# POULTRY PRODUCTION LINE



Area: USA

Market: Food & Beverage / Poultry Production

**Application:** A pair of waste conveyor screws (feathers and organs) was suffering recurring bearing failure which cost over 12 400 € in downtime and maintenance

### **Environment:**

- Stainless steel flange Bearing Unit (BU) with 4 fixing holes, food grease
- Production shutdown for BU maintenance planned every 1.5 months
- Daily high pressure washing
- Important pollution due to waste conveying

### **Customer need:**

Decrease the production shutdown as well as maintenance interventions.

# **RESULTS**

Significant success because the uptime production has grown by 400%. Thereby, the maintenance interventions to change BU have been planned every 6 months and the Bearing Unit consumption divided by 4.

Because the SENTINEL BU doesn't need to be re-lubricated, some additional added values have been confirmed from the customer regarding grease consumption.

The re-greasing campaigns have been totally removed.

# NTN RECOMMENDATION

- After expertise, recommendation of SENTINEL product with solid lubrification reference NSF-H1
- The use of our SENTINEL LUBSOLID® SUCF205FG1, completely interchangeable with the basic installation, is recommended

#### **FINANCIAL BENEFITS**

- Uptime improvement: 110 000 €
- · Maintenance reduction: 11 000 €
- · Reduced acquisition cost: 4 000 € Documented cost saving 125 000 €

## **ADDITIONNAL ADDED VALUES**

- · Removal of re-greasing maintenance campaigns
- · Grease consumption hugely decreased

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