NTN SUCCESS STORY Poultry production line



CONTEXT OF THE CUSTOMER'S CHALLENGE

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 $12400 \in$ 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.



- 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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