



## CONTEXT AND CUSTOMER CONSTRAINTS

**Area:** France

**Market:** Food & Beverage / Pasta production

**Application:** Sorting area, crossing and superposition of conveyors. Risk of grease leakage on the product.

**Environment:**

- Thermoplastic Bearing Unit (BU) with 2 fixing holes, food grease
- BU maintenance frequency, 1 time per year
- Re-greasing campaign every 3 months (constraints of accessibility)
- Daily high pressure washing



**Customer need:**

Drastic sanitary requirement:

- Limit or even remove all grease leakages on production line and improve the productivity

## NTN RECOMMENDATION

- After expertise, recommendation of SENTINEL product with solid lubrication referenced by NSF-H1
- The use of our SENTINEL Lubsolid® SUCNFL206FG1 bearings, completely interchangeable with the basic installation, is recommended

## RESULTS

Following tests, the decision is taken by the customer to equip the entire sorting area (76 pieces) with SENTINEL BU.

**Customer need :** « SENTINEL is clearly THE SOLUTION which allowed us to answer 100% of our issues ».

The level of cleaning from the production line has been also positively graded during an audit made by a major distribution actor.

### CUSTOMER BENEFITS

- Total grease leakage eliminated
- Re-greasing campaign stopped
- Increased resistance to high pressure washing
- After more than 1 year of mounting, SENTINEL BU are always working and no maintenance has been planned

### PRODUCTIVITY

- Gain from grease consumption
- Gain from maintenance interventions (re-greasing and BU replacement)
- Gain from production shutdowns