



CONTEXT OF THE CUSTOMER'S CHALLENGE

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