



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