



CONTEXT OF THE CUSTOMER'S CHALLENGE

Location: Portugal

Application: Cork manufacturing - Bark conveyors

Usage conditions: High level of pollution (bark and ash)

Customer requirements: Increase durability of inserts, changed regularly, to reduce maintenance costs

Product in use: Competing insert bearing with contact seals and flexible blades

NTN'S RECOMMENDATION

To counteract strong pollution caused by bark and ash, we proposed our UC insert bearing with AGR high performance sealing solution, characterised by:

- A triple lip seal on both sides
- A thick steel shield on the outside to protect against external aggression, on both sides
- 80% grease filling
- No relubrication holes (no risk of liquid pollution entering)

RESULTS

The NTN solution works **3 to 5 times longer**, reducing maintenance to 1 annual operation instead of 4 to 5 previously.

The savings made by the customer by avoiding production losses due to machine stoppages are significant thanks to our NTN solution.



Reinforced sealing



High pressure washing resistance



Greased for life

SAVING WITH
NTN INSERT AGR
UP TO

35 000 €
per year

Reduced maintenance intervals
Less sitting idle service