



## 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

## 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