



## 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
- 90% 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

This document is the exclusive property of NTN-SNR ROULEMENTS. Any total or partial reproduction hereof without the prior consent of NTN-SNR ROULEMENTS is strictly prohibited. Legal action may be brought against anyone breaching the terms of this paragraph. NTN-SNR ROULEMENTS shall not be held liable for any errors or omissions that may have crept into this document despite the care taken in drafting it. Due to our policy of continuous research and development, we reserve the right to make changes without notice to all or part of the products and specifications mentioned in this document. © NTN-SNR ROULEMENTS, international copyright 2022.