

# CASE **STUDY**

**BEARING CHANGE**

**HELPS EUROPEAN  
MALTING COMPANY  
TO REDUCE  
UNPLANNED  
DOWNTIME**

CS029



**HAYLEY**

DEXIS

## HAYLEY DEXIS BEARINGS // FOOD & BEVERAGES

Focus on **value** **TRACK  
UP**

### THE SITUATION

The customer, a European malting company and supplier to large UK breweries, was experiencing frequent bearing failures. The problematic bearings were working within twenty-two onsite grain stirrer units, across four germination vessels. Bearings were needing to be replaced regularly, driving up maintenance costs and resulting in production losses.

### THE SOLUTION

HAYLEY DEXIS worked closely with their strategic supply partner, NSK, who had already been on-site to perform a review and failure analysis. A finding of the analysis was that the self-aligning ball bearings being used were not durable enough for the application conditions.

The NSK SWR series Spherical Roller Bearing was supplied by HAYLEY DEXIS as the remedy for the problem.

### KEY VALUE AREAS



SPEND



INCOME

The superior wear resistance and material strength of the new bearings would extend product life, and prevent failure.

### THE RESULT

The characteristics and capabilities of the NSK Spherical Roller Bearing are more suited to the application, as they are able to cope with a larger load capacity. By installing the solution within their grain stirrers, the customer has increased the life of their bearings by 3x or even 4x, in some instances.

“

THE CUSTOMER HAS  
INCREASED THE LIFE  
OF THEIR BEARINGS  
BY 3x OR EVEN 4x, IN  
SOME INSTANCES.

”

## CONTACT US!

This has reduced maintenance, component replacement, and costs as a result of downtime, by around £50,000 per year.

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

[www.hayley-group.co.uk/branch-finder](http://www.hayley-group.co.uk/branch-finder).

## KEY BRANDS



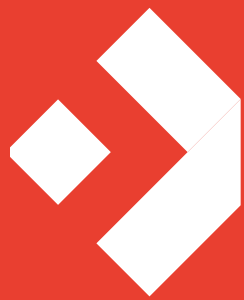
NSK

## KEY RESULTS

Costs associated with bearing failure cut by £50k p.a.

Service life of bearing assets extended.





**HAYLEY**

**DEXIS**