

# CASE **STUDY**

## BEARING UNITS

REPLACED  
AT TORTILLA  
MANUFACTURING SITE  
TO EXTEND SERVICE  
LIFE

CS030



**HAYLEY**

DEXIS

## HAYLEY DEXIS BEARINGS // FOOD & BEVERAGES

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

### THE SITUATION

The customer, a leading producer of tortilla wraps was experiencing short service life on its pillow block bearing units. These units were mounted in the multiple conveyor belts of the dough-proving section on the production line.

At six-week intervals, two bearing units were being replaced, causing high maintenance costs and high levels of downtime.

### THE SOLUTION

HAYLEY DEXIS worked closely with their strategic supply partner, NSK, who had already been on-site to perform an application review. The investigation attributed the failures to ingress of particulates and set screw loosening due to vibration. Hayley recommended NSK Self-Lube Bearing Units as a solution.

The recommended units would have triple lip seals and eccentric locking collars to help cope with the continuous exposure to flour particulates and dough.

### KEY VALUE AREAS



SPEND



INCOME

### THE RESULT

A twelve-month trial using the NSK Self-Lube Bearing Units proved to be incredibly successful. There was no requirement to replace any bearings over the period, with this figure previously standing at approximately 17 bearing replacements being carried-out.

Thanks to the superior resistance quality and seal performance, the life of the bearings and shafts have been extended. This has resulted in an overall annual cost-saving of around £50,000 being achieved, when component replacement, production loss and maintenance costs are all considered.

“

AN OVERALL ANNUAL  
COST-SAVING OF  
£50k HAS BEEN  
ACHIEVED.

”

## CONTACT US!

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

£50k in maintenance and downtime-related costs saved p.a.

Reliability and longevity of components extended.





**HAYLEY**

**DEXIS**