

CASE **STUDY**

HAYLEY DEXIS

**PROVIDES SOLUTION
TO LEAKING GEARBOX
AT WATER TREATMENT
SITE IN NORTH
SOMERSET**

CS006



HAYLEY
DEXIS

HAYLEY DEXIS DRIVES // WATER

Focus on **value**

TRACK UP

THE SITUATION

The operator of a major water treatment works in North Somerset was having major issues with failing gearboxes on their primary tanks. The gearboxes were all 40+ years old and spares were no longer available, with the manufacturer having gone out of business. The units were leaking from their output shaft seals, and risked leaking into the tank – something which would cause real problems for the customer.

THE SOLUTION

The HAYLEY DEXIS team worked with the customer to source a modern solution capable of fitting in the confined space occupied by the current unit. A modern helical bevel unit was supplied, with a special fabricated output baseplate and shaft to match the original.

All modifications were conducted on-site at HAYLEY DEXIS, meaning very little shutdown time was required for the customer. The electric motor meets the latest IE3 specification – saving energy and lowering costs.

KEY VALUE AREAS



TOTAL
COST OF
OWNERSHIP



SPEND

THE RESULT

The bearings within the unit have been respecified and fitted to carry larger loads and be more resilient. The unit now also has a larger mechanical service factor where, if required, the motor can easily be changed for a larger unit to increase production.

Any component spares needed are now readily available, with HAYLEY DEXIS also stocking replacement units and components across the branch network for next-day delivery.

“

THE CUSTOMER HAS
SINCE ORDERED
10 MORE UNITS
FOLLOWING THE
SUCCESS OF THIS
PROJECT.

”

Running costs of the future-proofed, modern unit have reduced considerably, with a far more energy efficient gearbox now in-use.

The customer was so satisfied with the outcome of the project, that they have since ordered ten more units to be installed across their water treatment works in the South West of England.

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.

KEY RESULTS

Reliability of asset improved.

Availability of spares increased.

Total cost of ownership reduced.

Energy consumption reduced.





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DEXIS