

CASE **STUDY**

HAYLEY DEXIS

**IMPLEMENT
COMPLETE SOLUTION
TO IMPROVE
EFFICIENCY OF
GEARBOXES AT WATER
TREATMENT WORKS**

CS004



HAYLEY DEXIS DRIVES // WATER

Focus on **value**

TRACK UP

THE SITUATION

Gearboxes being used within a large water treatment works were now obsolete, which meant that replacement components were no longer available when issues arose. During their years of operation, the bearings, seals and gears on these units had been repaired many times, and so a complete overhaul was required.

THE SOLUTION

After a site visit and close consultation with the customer, the HAYLEY DEXIS team came up with a solution that was fit for purpose. A modern replacement with an inverter was offered, to provide the customer with improved reliability.

The new units specified by HAYLEY DEXIS incorporated the same dimensions as the existing units. This enabled the changeover to be as quick and painless as possible for the customer.

KEY VALUE AREAS



TOTAL
COST OF
OWNERSHIP



SPEND

HAYLEY DEXIS engineers replaced all bearings, seals, shafts and bearing blocks, dressed and polished all gears, and replaced all chains and sprockets. The main drive gearbox was also replaced with a more energy-efficient unit.

THE RESULT

The new, more efficient motors have reduced energy consumption, costs, and the carbon footprint of the operation, for the customer. The new units are also capable of transmitting more power and torque to cope with heavier loads. This has reduced the risk of overloading leading to failure.

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THE RELIABILITY OF
THE GEARBOXES AND
THE AVAILABILITY OF
SPARES HAVE BEEN
IMPROVED.

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Both the reliability of the gearboxes and the availability of spares have been significantly improved as a result of using a modern unit with better mechanical service factors.

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 assets improved.

Availability of spares increased.

Total cost of ownership reduced.





HAYLEY

DEXIS