



Summary

Industry:	Water & Waste Water
Application:	Rotary brush aerator
Actual Saving:	Reduced lead time
Payback Period:	Immediate



Fenner Bevel Gearbox Improves Reliability and Efficiency

A 16 week lead time reduced to 6 days with a compact gearbox unit

ISSUE

A wastewater company required assistance from ERIKS regarding a rotary brush aerator issue. It was found the helical gearbox unit was of an obsolete design and had failed catastrophically, affecting output levels.

To make matters worse, spares were on a 16 week delivery time from the original equipment manufacture.

SOLUTION

After an in-depth inspection of the unit, ERIKS decided a Fenner bevel gearbox to be the perfect solution. The unit not only can be dimensionally changeable, but the compact rugged design improves reliability and efficiency.

Moreover, the Technical Engineers replaced the coupling, wall end bearing and manufactured a bespoke adaptor plate to remove the existing unit with ease. The gearbox was successfully installed within six days and has been running perfectly without any issues.

OTHER BENEFITS

- Versatile mounting
- Excellent mechanical strength whilst being especially lightweight
- 50% increase in the power to weight ratio

FURTHER COMMENTS...

The customer is extremely pleased with the outcome, as not only has the application improved, but the level of reliability has increased vastly.

MORE INFORMATION

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