



OUTOTEC THICKENER GEARBOX REPLACEMENT SOLUTION

Gearboxes are essential to keeping your thickener drive up and running. Outotec thickener gearboxes are based on proven planetary solutions and are customized according to your specific thickener and site conditions. If the gearbox fails, you risk extended periods of downtime waiting for a replacement. With a spare gearbox on site, you can be back up and running with minimal delay, maximizing your productivity and avoiding substantial unnecessary costs.

BENEFITS

- Minimized downtime with a spare gearbox on-site
- Small initial investment for maximum peace of mind
- Expert installation, maintenance, and inspection support
- Ready to go – available when you need it, with all the necessary parts
- Proactive support for your maintenance program



MINIMIZE DOWNTIME WITH A SPARE GEARBOX ON SITE

Outotec helps you reduce the risk of extended downtime with its comprehensive spare gearbox program. We supply the gearbox ready to go, properly packaged to ensure it remains in optimal condition and is ready when you need it.

A small initial investment for maximum peace of mind

A spare gearbox is a minimal investment when compared to the cost of not planning ahead. As your gearbox reaches the end of its operational life expectancy, common causes of failure can include:

- Pitting – the main source of wear
- Worn teeth – leading to cracking
- Hydraulic drive motor failure – leading to contamination of gearbox oil
- Poor maintenance and storage
- Corrosion

We make sure you have a spare gearbox ready to go whenever you need it.

Comprehensive service and in-depth expertise

Your planetary gearbox and its output accessories are far from standardized. Selection and design considerations include:

- Torque properties of the thickened slurry
- Axial loads
- Rakelift requirements
- Drive type
- Drive protection

In addition, footprints vary between delivery years as suppliers update their models and range, creating a risk of an "off the shelf" gearbox not being suitable for your thickener.

As the original equipment manufacturer we can ensure that your spare matches your specific requirements and operational conditions. If your gearbox is found to be obsolete, we will supply a new unit complete with an upgrade kit including all required adaptors and fixings. That means one order for all the necessary parts. Simply put, we can do it faster and more efficiently than anyone else.

Wherever you are in the world, we can support you with installation, maintenance, and inspection throughout your equipment's life cycle via our global service network.

Outotec provides leading technologies and services for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, we have developed many breakthrough technologies over the decades for our customers in metals and mining industry. We also provide innovative solutions for industrial water treatment, the utilization of alternative energy sources and the chemical industry. Outotec shares are listed on NASDAQ OMX Helsinki. www.outotec.com