

# CASE STUDY

## TUG WINCH OVERHAUL ON SVITZER GLENROCK

✉ [sales@ pressuredynamics.com](mailto:sales@ pressuredynamics.com)

🌐 [www.pressuredynamics.com](http://www.pressuredynamics.com)



# PRESSURE DYNAMICS

## INTRODUCTION

The Pressure Dynamics Queensland team recently completed a major 10-week overhaul of the tug winch aboard Svitzer Glenrock. The project involved the full refurbishment of the vessel's winch system to restore operational reliability and support safe marine towing operations. Despite a demanding schedule and several project challenges, the team successfully delivered the overhaul through strong coordination between workshop and office teams.

## PROCESS

The project scope included the complete removal, disassembly, overhaul, and reinstallation of the tug winch system. Key components serviced included the HÄGGLUNDS hydraulic drives and control manifolds, brake and clutch cylinders and pads, and the full replacement of hydraulic hose assemblies.

Throughout the overhaul, the Queensland team maintained close collaboration between engineering, workshop, and project management personnel to ensure safety, quality, and efficient execution.

The project also required the team to adapt to several challenges, including parts delays, paint availability constraints, and ongoing wet weather conditions. Through careful planning and communication, the team maintained steady progress and kept the project on track.



## OUTCOME

The overhaul was completed successfully, restoring the performance and reliability of the tug winch system. During final commissioning, the winch performed flawlessly during the line pull test, confirming the quality of the overhaul and readiness for operation. As a result of the team's strong execution and coordination, Svitzer Glenrock was able to return to service a full day ahead of schedule.