



# Diving Deep Through Reverse Engineering



# WORLD FERTILIZER®

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50 Years of Engineered  
Multistage Pump Solutions





**Hydro's Werner Barnard, demonstrates the importance and value of [reverse engineering](#) critical pumps as part of a contingency planning strategy in the latest issue of [World Fertilizer](#).**

<https://hydroinc.com/wp-content/uploads/331609c975310d6486391e92a67c5492.mp4>

Surprise equipment failures are, by their very nature, unexpected. Even with strong predictive or proactive maintenance strategies, sudden system upsets or other external factors can cause an unforeseen catastrophic event. In many cases, these failures leave plants scrambling to return a pump to service quickly to minimize downtime or reduced capacity. The critical path to repair completion is often determined not by labor hours, but by parts lead times. Read more [here](#)...