



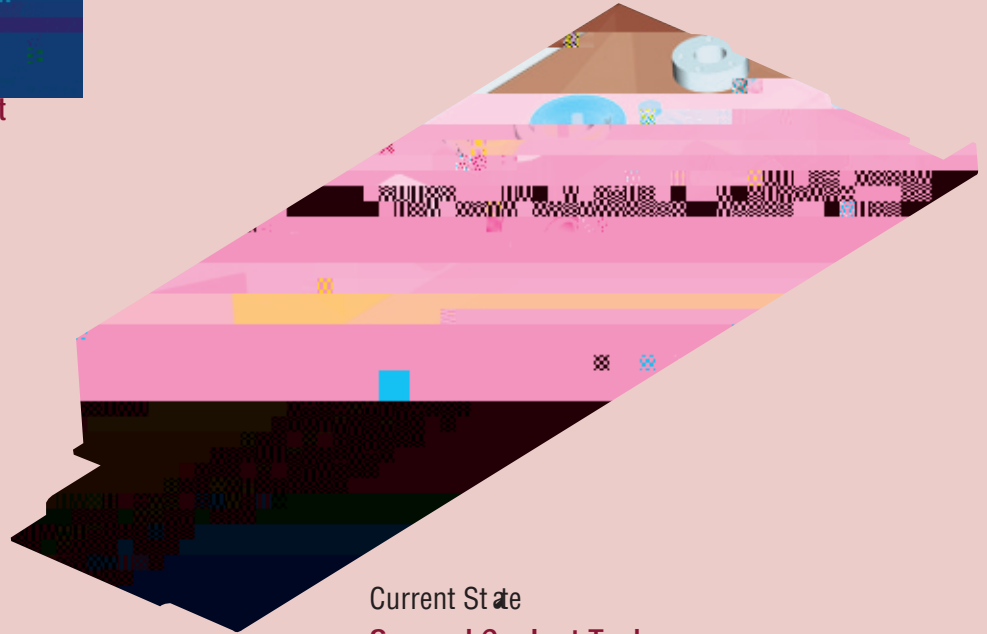
# HELGESEN

## Case Studies

## Construction Equipment



Mining Equipment



Current State  
Swaged Coolant Tank

### Challenge:

A leading manufacturer of construction and mining equipment needed to reduce annual costs to remain competitive in its markets.

### Solution:

Utilizing the Helical Program, Helgesen helped the customer realize a 26% savings by employing the following techniques:

- ▶ 25% reduction in purchase finished components leveraging the Demand Matrix tool-set.
- ▶ 85% reduction in workcenter set-up by applying quick-change weld fixtures while providing higher variation in daily build schedules.
- ▶ 60% increase in manufacturing throughput by applying R4 production streets.