

The Global Leader in Hydraulic Fluid Conditioning Technology with a Commitment to Continuous Improvement Through Lean Manufacturing.

Scope of Supply



Through vertical production integration and one piece flow, Helgesen has produced “street based manufacturing” which provides customers with a global solution for quality and cost competitive product, regardless of manufacturing location.

Hydraulic Tank Systems Design

Through extensive hydraulic fluid analysis, Helgesen has developed multiple patented technologies to improve fluid performance, becoming the global leader in hydraulic fluid conditioning reservoirs.

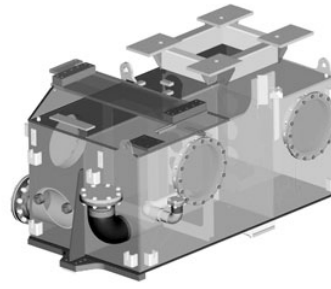
- Reduction in Tank Cost
- Improved Oil Life
- Enhanced Filtration
- Reduction of Tank Size
- Improved Hydraulic Efficiency
- Remote Filter Placement
- Reduction of Hydraulic Fluid
- Rapid De-aeration



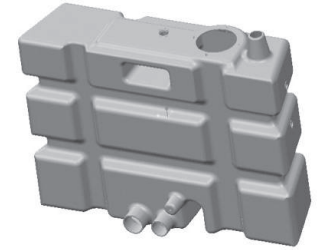
Configurable



Configurable



730 Gallon

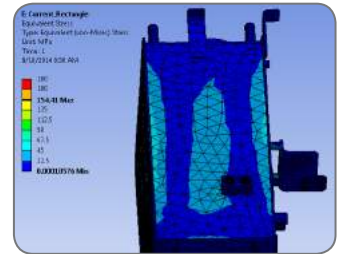
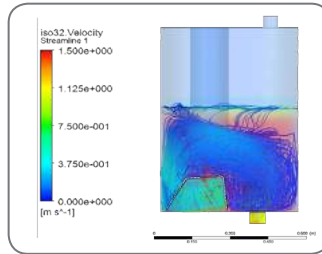
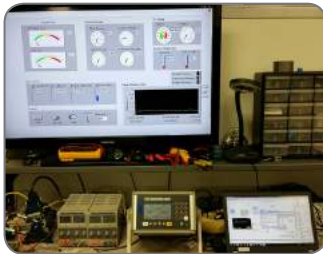


35 Gallon Plastic

Product Validation and Testing

Capabilities to validate design and quantitatively analyze hydraulic fluid properties and performance:

- CFD Simulation
- FEA Simulation
- Lab Simulation – multi-pump, variable flow rates, cylinder extension, variable grade
- On Machine Testing – fluid condition, pressure, temperature, flow rate



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