

PETERSON

MACHINE & SUPPLY INC.



PROJECT OVERVIEW

MULTI STAGE VIT SUMP PUMP

We received the Multi Stage VIT pump for rebuild. The pump was disassembled and inspected here at our facility.

Upon disassembly and inspection of the pump, the following faults were found:

- Spider bearings worn
- Marine bearings worn
- Pump shafts worn to .005" undersized
- Shaft couplings seized and will need to be replaced
- Stuffing box bushing worn
- Impeller collet worn





The pump is completely blasted and cleaned to as new condition.

Painted parts are repainted with a corrosion resistant coating suitable for the application the pump is running in.

All the bearings are replaced with new and the stuffing box is repaired.

All the required shafts are fabricated and the impellers are balanced.

New shaft couplings are manufactured.

The lower multi stage part of the pump is assembled.

Final assembly of the lower stages of the pump to the extension housing and motor are completed.

A final check of the pump is completed and paint is touched up as required.

Crating of the pump for shipping is completed.



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[Contact us for a more detailed version of this project.](#)

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