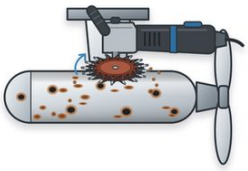
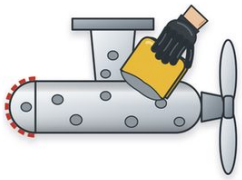
Thruster Gear Housings



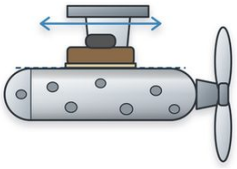


Rotating Blaster

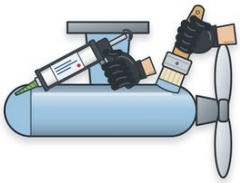




Super Metal Filler

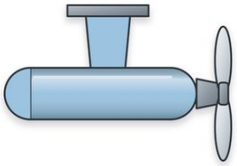


cure, then
sand / machine

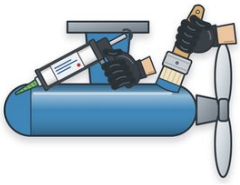




1st coat

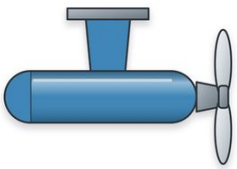


semi-cure





2nd coat



final cure

Rebuild corroded and eroded bow thruster casing surfaces to their original geometry and protect them against corrosion.

1. Inspect the casing. Surface preparation acc. to SepcoTech standards - abrasive blasting recommended.

2. Rebuild pits and eroded areas using SepcoTech Super Metal Filler. Use a temporary mould with SepcoTech Release Agent where the cover profile is lost.

3. Allow curing and restore the original geometry by sanding or machining.

4. Apply a stripe coat of SepcoTech Super Guard to welds, edges and transitions, followed by the first full coat - 200 µm DFT.

5. Allow semi-curing.

6. Apply a second stripe coat and the second full coat of Super Guard - 200 µm DFT.

7. Allow final curing, inspect the coating, then reassemble and test.

Note: Protect machined surfaces, bearing locations and sealing faces. Super Metal Filler does not replace structural steel repairs.

Includes AI generated images