

Object: Taça Alfredo Valadas

Owner: Sport Lisboa e Benfica

Before treatment:



After treatment:



During treatment:



A hand drier was used to heat the breu (traditional adhesive used for between the cup and wooden base) until it was softened to a tacky state and the pieces were separated with some careful pulling and twisting of the components.



Base after paint removal and widening of insect holes. The paint had been removed using a scalpel and sandpaper. Note the large split in the lower half of the base.



Base after split and insect holes have been filled. The split was filled using balsa wood and a commercial wood paste. The wood paste was also applied to the holes and tunnels. Fills were leveled using scalpel and sandpaper.



Once the fills had been leveled, three layers of black acrylic paint were applied to the surface. Three layers of 25% clear shellac in alcohol were applied and polished using steel wool after each application. Microcrystalline wax was applied.

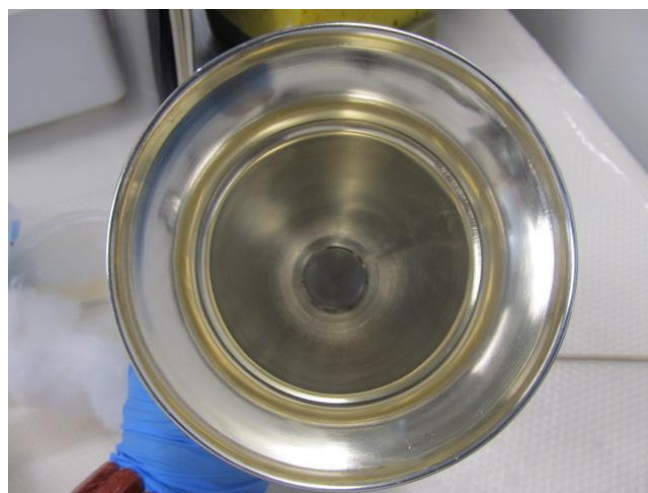
During treatment:



Cleaning the cup using the electrolytic method. Here, the cup has been brushed with 15% sodium carbonate and covered in foil. Additional 15% sodium carbonate is being applied with a brush. On especially resistant areas of corrosion, cotton swab patches with 5.2% formic acid + PMTA (1-phenyl, 5-mercaptotetrazole) were used, with rinsing occurring subsequently under running water to clean residue from cup.



Interior of cup before cleaning.



Interior of cup after cleaning.