



LOCTITE®

WEAR AND CORROSION IN CENTRIFUGES REDUCED WITH LOCTITE®

LOCTITE® **PC 7332™** WEAR RESISTANT COATING

LOCTITE® **SF 7840™** BIODEGRADABLE CLEANER

LOCTITE® **SF 7611™** PRO STRENGTH PARTS CLEANER



Henkel Adhesive Technologies



Customer Challenge

A company was having trouble with abrasion and corrosion inside their industrial centrifuges. Wear was forming in the bowl and lower housing components causing field failures. They were looking for a solution that would prevent wear and restore worn surfaces on new and rebuilt centrifuge bowls and lower housing. They needed these centrifuges to last longer and be protected from external corrosion as well.

Henkel Solution

The local LOCTITE® expert removed dirt, oil and grease with a high-pressure water cleaning system using LOCTITE® SF 7840™ cleaning solution. They then blasted all surfaces to be coated with a degree of cleanliness of near white metal and used LOCTITE® SF 7611™ after blasting to remove dust and contaminants. Finally, LOCTITE® PC 7332™ wear prevention coating was applied, which is designed to protect, rebuild, and repair high wear areas of equipment. After initial testing, LOCTITE® expert trained the maintenance team on the solution and process to protect the centrifuges from external contaminants and prevent wear and abrasion. The housing is now lasting longer and is protected, which is reducing field failures – saving maintenance time and costs.

Benefits

- Centrifuges protected from external contaminants
- Prevent wear and abrasion
- Reduction in field failures
- Reduction in maintenance costs

