

Remanufacturing Process Session Questions and Answers

Q: We currently monitor our bath solution using conductivity, what method do you recommend for your cleaning chemistries?

A: Great question, let me first say that I'm a huge fan of conductivity measurements. I personally carry a hand-held unit and perform measurements for companies and customers alike when traveling in my territory. Having said that, in the remanufacturing space, I do not recommend conductivity and would suggest using titration. Conductivity could work, from your question it appears it is, so give it a try! But too often the bath gets soiled up with metal ions and it throws the measurements off. So, I would test against titration to be more precise.

Q: What is the typical length of time that remanufactured parts need to be in the washing stage? Also, what temperature and concentration do you recommend being effective?

A: The length of time parts need to be in washing stage varies, but typically depending on the level of soil it can be 3-5 minutes in solution, However, I've seen some parts require upwards of 20 minutes. Keep in mind, extra time spent in the wash or rinse can save significant time should your upstream process require bead blasting. As for temperature, 130-165°F 54-71°C. Concentrations for spray applications 5-8%, immersion 10-15%.

Q: KYZEN's chemistries . . . are they emulsifiers?

A: All of KYZEN's chemistries are splitting chemistries, they are formulated to split oil out of solution. Removal is usually done with a coalescer or skimming mechanism. The benefit of splitting chemistries results in longer bath life, cleaner bath, cleaner parts & lower cost of operation!