Spotless™ LAC

Spotless™ LAC removes lead chromate scaling formed on lead alloy anodes used in hexavalent chromium solutions. The insulating film is stripped to promote throwing power, lower plating voltages, reduces pits and burns on parts, and propagates trivalent re-oxidation. A routine immersion cycle will quickly improve plating quality and lengthen anode life. Spotless™ LAC complies with Boeing BAC5709 Lead Anode Cleaner Specification.

Product Advantages

- Conditions anode surface to amplify plating performance.
- Restores anode efficiency allowing for lower plating voltages.
- Controls bath balance by propagating trivalent re-oxidation.
- Maintains a stable long life composition to provide economy.
- Reduces cleaning times through targeted cleaning action.

Operating Conditions

Concentration:	Spotless™ LAC is a ready-to-use solution.
Immersion Time:	10 - 60 minutes for light films
Temperature:	Ambient - 130°F
Tank:	Stainless Steel

Spotless™ LAC strips at ambient temperatures. Note that for thick films raising the temperature to 120^{o} F – 130^{o}F will significantly reduce immersion time. For heavy scaling longer immersion times may be required. Under normal condition, little, if any, attack will occur on anodes over 24 – 48 hour immersion.

Maintain solution by periodic additions of Spotless™ LAC. When performance slows, a 20 – 30% cut or a new tank make-up can be made. Rinse anodes thoroughly when transferring from the acidic chromium plating tank and alkaline Spotless™ LAC.

1. Remove the lead anodes from the chromium plating solution and rinse thoroughly with water.
2. Immerse the anodes in the Lead Anode Cleaner until the scale has been removed or sufficiently loosened.
3. Remove anodes from the Lead Anode Cleaner and if necessary, scrub the loosened scale off.
4. Rinse thoroughly with water and return the cleaned anodes to the chromium plating tank.

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Spotless™ LAC Maintenance

Rinse anodes thoroughly when transferring from the acidic chromium plating tank to alkaline Spotless™ LAC. Maintain solution by periodic additions of Spotless™ LAC. When performance slows, a 20 – 30% cut or a new tank make-up can be made.

Anode Maintenance

Anode Maintenance Program: Implement standard operating procedures that reduce anode scaling and remove light films before they build up.

Lead Peroxide: Remove anodes for plating solution when not in use. Clean anodes after use. Immerse in water tank until Lead Peroxide film forms. This dark-brown film maintains the trivalent chromium concentration.

Anode Addition: New anodes will form scale rapidly. Replace all anodes at one time, if possible, and particularly maintain newly added anodes.

Water Disposal

Treat all rinse water and waste solution through adequate hexavalent chromium treatment. Contact Aqua Bond for an assessment of your water treatment, and to establish an optimized waste reduction program that complies with local.

The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.

READ THE SDS BEFORE USING THIS PRODUCT

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