Spotless™ Al6000X

Acidic Multi-Metal Spray Cleaner

Spotless™ Al6000X is a mildly acidic multi-metal cleaner that can be used in both immersion or spray applications. Designed to penetrate and rinse off heavy oils and tough buffing compounds from sensitive aluminum parts, and is additionally safe on copper, brass, zinc and steel. Leaves the spotless surface you expect for subsequent gauging, assembly, welding or heat treating operations.

Features/Benefits

- Multi-Metal: Robust cleaner that is safe on aluminum and other sensitive metals.
- Non-Etch on sensitive metals.
- Complete Surfactant, Complexor and Solvent Package: Displaces a wide array of soils, chlorinated or sulfurized oils and fats, coolants and buffing compounds.
- Residue Displacement: Wetting properties allow free rinsing of residual films.
- Immersion Cleaning: Used in anodizing, blackening, or phosphate prior to aluminum etch, and as a pretreatment to Uberkote™ chromating processes.
- Extending Life: High temperature dispersant rejects oils to be removed by skimming.
- Excellent rinsing properties that reduces drag-out losses and contamination of subsequent processes.

Aqua Bond Inc. • 440 Passmore Avenue, Toronto, Ontario M1V 5J8 • Tel. 416.754.7211 Fax. 416.754.7143 • www.aquabond.ca

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Operating Conditions

Concentration	10% optimum, 8 - 30% b.v. with water
Temperature	70°C (160°F) optimum, 65 - 76°C (150 - 170°F)
Time	30 - 300 seconds
Pressure	up to 200 psi

The required concentration, temperature, spray pressure and processing time will depend upon part soiling. Increasing concentration, temperature and pressure will increase reactivity and process time.

Agitation: Mild air or mechanical agitation improves immersion cleaning applications, and when buffing-compound residues are dried-on, impacted or heavy.

Cleaner Life: Spotless™ Al6000X settles fines and rejects oils, allowing oil skimming and filtering to extend cleaner life.

Spotless™ Al6000X Concentration Analysis

1. Pipette a 20 ml sample of Spotless™ Al6000X solution into a 250 ml Erlenmeyer flask.
2. Add 4 drops of Phenolphthalein indicator.
3. Titrate with 0.1N sodium Hydroxide until pink color change.

Calculation: mls of 0.1N Sodium Hydroxide x 0.832 = % b.v. Spotless™ Al6000X

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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