Spotless™ Al6000

Non-Etch Low Foaming Cleaner

Spotless™ Al6000 is a mildly alkaline multi-metal cleaner that can be used in both immersion or spray applications. Designed to penetrate and rinse off heavy oils from sensitive aluminum parts, and 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: Will not dull highly polished surfaces.
- Complete Surfactant 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.
- Low Foaming: Used in single spray and multi-stage washers.
- Immersion Cleaning: Used in anodizing prior to aluminum etch, and as a pretreatment to Uberkote™ processes.
- Extending Life: Rejects oils to be removed by skimming.
- Excellent rinsing properties that reduces drag-out losses and contamination of subsequent processes.

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Operating Conditions

Concentration	2 – 12 % b.v.
Temperature	50 – 75 °C (120 –170°F)
Time	30 – 180 seconds
Pressure	up to 200 psi

Tanks: Mild steel tanks and equipment.

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

Cleaner Life: Spoltess™ Al6000 settles fines and rejects oils, allowing oil skimming and filtering to extend cleaner life.

Spotless™ Al6000 Concentration Analysis

1. Pipette a 50 ml sample of Spotless™ Al6000 solution into a 250 ml Erlenmeyer flask.
2. Add 4 to 6 drops Methyl Orange Indicator.
3. Titrate with 1.0 N Hydrochloric Acid solution to a pink end point.

Calculation: mls of 1.0N Hydrochloric Acid x 2.34 = % b.v. Spotless™ Al6000

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