

# Data Sheet



## CEE-BEE® C-623

Cee-Bee® C-623 is an inhibited phosphoric acid cleaner and descaler that is used in a multi-step cleaning process with Cee-Bee® J-84A/AL, J-88/L and J-3.

### BENEFITS

- Effective removal of corrosion and permanganate stains.
- Produces brighter parts on nickel-based alloys, which enhances FPI.
- May be applied by dip, spray or brush-on method.
- May be heated or used at ambient temperature.
- Inhibited to minimize attack on base metals.
- Safe on mild and stainless steel, aluminum, copper and titanium, nickel, cobalt alloys.

### CONFORMS TO

- AMS 1384A (INCLUDES ARP 1755B)
- CFM56\_CP2360 (S1142)
- GENERAL ELECTRIC C04-143
- IAE COMAT NO. 01-474C
- JAL MAINTENANCE MANUAL, CHP 71-129
- MIL-C-10578D, TYPE III
- PRATT & WHITNEY SPMC 21 (SPOP 11, 211, 250 & 324)
- SNECMA DMP12-056 / DMP 13-250
- SNECMA\_LE2007-12-17 (REF. FLISP 2578/07 ED02)
- T.O.2-1-111 SPMC 21

### NOTES PRIOR TO HANDLING

**Before using your Cee-Bee® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your Cee-Bee® representative before proceeding.**

McGean-Rohco Singapore Pte Ltd

No. 6 Gul Link, Singapore 629376 Tel: (65) 6863 2296 Fax: (65) 6863 2297 Email: info@ceebee.com.sg

The information contained herein is presented without guarantee or warranty and the Seller disclaims any liability incurred from the use thereof. Nothing contained herein is to be construed as a recommendation for any use in a commercial process not controlled by the Seller, nor for a use which is in violation of any existing patent, foreign or domestic, or of applicable laws and regulations. THE SELLER MARKS NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEPT AS EXPRESSLY STATED IN SELLERS SALES CONTACT OR SALES ACKNOWLEDGEMENT FORM.

## USE PROCEDURES

- Mild steel tanks are acceptable for containing Cee-Bee® C-623 solutions. However, to minimize tank maintenance, 300 series stainless steel is recommended.

### Operating Procedures

- If available, please refer to the respective OEM Standard Practice Manuals for the various cleaning and overhaul processes that utilize Cee-Bee® C-623.

### Ambient Temperature Soak

- Use a 30 - 50% Cee-Bee® C-623 by volume solution at ambient temperature.
- Preclean parts with Super Bee™ 300LF/G or Cee-Bee® A-7X7 to remove heavy grease and oil.
- Immerse the parts in Cee-Bee® C-623 solution and allow to soak.
- When removal is complete draw parts from tank and spray rinse with water or dip in clear, overflowing water. A hot water rinse will speed drying and minimize flash rusting.

## CONTROL

- Additions of water to make up evaporation loss and additions of Cee-Bee® C-623 to replace dragout loss will be required periodically.

### Test Procedure - Concentration

1. Pipette 5ml Cee-Bee® C-623 solution sample into titration flask.
2. Add 10ml of 10% potassium iodide solution. Allow to stand for 1 min.
3. Dilute sample to 100ml with DI water.
4. Add 3 to 5 drops methyl orange indicator.
5. Titrate with 0.5N NaOH until color changes from red to yellow.

### **Calculation**

$$(\text{ml } 0.5\text{N NaOH}) \times (2.0) = \% \text{ Cee-Bee® C-623}$$

## **PROPERTIES**

- Clear, colorless to slightly amber or pink liquid.
- Slightly viscous

## **PRECAUTIONS**

- Contains phosphoric acid.
- Avoid contact with eyes and skin. Wear goggles or face shield and rubber gloves.
- Do not take internally.
- In case of accidental contact with eyes, flood with water. If irritation persists, seek medical attention. For skin, flush thoroughly with water.
- Embrittling to high strength steels. Avoid contact with descaler and rinse water by thoroughly masking all high strength steel parts, such as landing gears, flap brackets and tracks.