

Cee-Bee[®] C-46

Cee-Bee[®] C-46 is a heavy duty, hot tank cleaner specifically designed for cleaning engine parts and radiators during overhaul.

Conforms To

- Airbus
 - CML 11-033
- ARP
 - ARP 1755A
- ASTM
 - ASTM-F_945
- General Electric
 - C04-063
 - C04-039
- International Aero Engines
 - CoMat 01-112E
- Rolls-Royce
 - Omat 167F

Benefits

- Outstanding grease removal when used either in a hot soak tank or a power spray washer.
- May be used to remove carbon deposits, enamels, varnish and lacquer.
- Good hard water tolerance.
- Dust free.
- Safe for use on steel, copper, magnesium and titanium.
- Surfactants biodegradable.
- May be used in mild steel tank.

Properties

- Amber powder
- Free flowing, dust free
- Little odor
- Rapidly absorbs moisture from the air

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.

Use Procedure

1. Use at 4 to 8 oz/gal (30-60 g/ltr). Cautiously sprinkle the powder into cool water with continuous mixing. When most of the powder has been dissolved, adjust the temperature to between 160°F (71°C) and 200°F (93°C). For most applications, use at 6 oz/gal (45 g/ltr) at 180°F (82°C). To speed removal of very heavy greasy soils, use at 8 oz/gal (60 g/ltr) at 200°F (93°C).
2. Immerse parts completely into the Cee-Bee[®] C-46 bath and allow to soak until soil has been penetrated, loosened and emulsified.
3. Remove the parts and allow excess solution to drain back into tank.
4. Rinse thoroughly with a water spray or dip in air-agitated, over-flowing, clean water.
5. Protect parts subject to flash rusting with a rust inhibitor, such as Cee-Bee[®] Antiruster #2, MX-15U or Nortex 3025.

Solution Control

- Daily additions of water are necessary to replace evaporation losses.
- Periodic additions of Cee-Bee[®] C-46 are required to replace dragout loss and active ingredients consumed during the normal cleaning operation.

Analysis Procedure

1. Place 25 ml. bath soln. into 250 ml. Erlenmeyer flask.
2. Add approx. 50 ml. DI water and 2 to 3 drops phenolphthalein indicator.
3. Titrate with 1N acid until pink color disappears.

Calculations

$$\begin{aligned} \text{ml. 1N acid} \times 0.272 &= \text{oz/gal Cee-Bee}^{\text{®}} \text{ C-46} \\ \text{ml. 1N acid} \times 2.04 &= \text{g/ltr Cee-Bee}^{\text{®}} \text{ C-46} \end{aligned}$$

Safety, Handling, and Precautions

- **WARNING!** Contains sodium hydroxide.
- May cause severe burns.
- Use face shield, rubber gloves, apron, boots and other protective gear sufficient to avoid eye and skin contact.
- Use with adequate ventilation.
- Do not take internally.
- In case accidental contact with eyes and/or skin, flood with water. If irritation persists, seek medical attention.
- Avoid splashing nearby personnel during spray rinse operation.
- When making additions to a Cee-Bee[®] C-46 bath at operating temperature, add powder slowly and cautiously with vigorous agitation to prevent boil-over and splashing.
- Cee-Bee[®] C-46 solutions etch aluminum and zinc and their alloys. Avoid contact to prevent damage.

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