

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, titanium and nickel, cobalt and their alloys.
- 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.

Contact Us

United States

McGean

Phone: +1-216-441-4900

Fax: +1-216-441-1377

Email: Aviation@McGean.com

United Kingdom

McGean-Rohco (UK) Ltd.

Phone: +44-1902-456563

Fax: +44-1902-457443

Email: Aviation@McGean-Rohco.co.uk

Singapore

McGean Singapore

Phone: +65-6863-2296

Fax: +65-6863-2297

Email: Info@ceebee.com.sg

China

Cee-Bee Aviation Materials (Xiamen) Co. Ltd.

Phone: +86-592-551-3689

Email: Info@ceebee.com.cn

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

CAUTION: BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE INFORMATION CONTAINED IN MCGEAN'S SAFETY DATA SHEETS. All information contained therein or in this document regarding handling, personal protection, and other safety measures must be followed during use. McGean presents the information herein without warranty and disclaims any liability, including any consequential, special, or indirect damages, arising from its use and misuse. Because the use, the conditions of use, product or product composition, and/or applicable laws may differ from one location to another and/or may change with time, the purchaser and/or user is solely responsible for determining whether the product is appropriate for use. McGean recommends use of this product solely in commercial processes which are specified by McGean and which do not violate any third-party patent rights or any laws or regulations or otherwise adversely impact human health and the environment. Users must make their own investigations and determine the suitability of the product for their particular purposes. McGean does not guarantee the accuracy of any data provided by its suppliers. MCGEAN MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM. USE OF ANY MCGEAN PRODUCT IS AT THE USER'S RISK.



Revision: 02/2025 (Rev. A4)