

## Cee-Bee<sup>®</sup> Nortex 3025

Cee-Bee<sup>®</sup> Nortex 3025 is a water-based liquid that provides short-term temporary corrosion inhibition for ferrous metals.

### Conforms To

- ASTM
  - ASTM-F-519
  - ASTM-F-945
- Boeing
  - BAC 5763, Section 9.3
- CFM
  - CP. 2654
- International Aero Engines
  - CoMat 01-502
- Pratt & Whitney
  - SPMC 172
- Safran
  - PR1500

### Benefits

- Increases inside storage time before oxidation occurs (up to 7 days).
- Leaves a water rinseable film on iron and steel which prevents flash rusting.
- Does not interfere with paint adhesion or NDT inspection methods (when used as instructed).
  - Does not cause a sticky or oil material to interfere with visual, fluorescent penetrant, fluorescent magnetic particle, eddy current, X-ray, or dimensional inspections.
- Economical and easy to use.
- Contains no petroleum solvents, silicates, phosphates, chromates, nitrates, or heavy metals.

### Properties

- Water clear liquid

### Notes Prior to Handling

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

## Use Procedure

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### Cee-Bee<sup>®</sup> Nortex 3025 Typical Applications

1. A corrosion inhibitor for welded steel tubing, when applied after forming and welding.
2. A corrosion inhibitor in a water bath when conducting pneumatic testing of pipe, heat transfer coils, steel parts and tanks for leaks.
3. Corrosion protection for small parts such as nails and fasteners when processing in their raw form.
4. A post dip for steel tubular parts after zinc plating and chromating, to increase corrosion protection on un-plated areas. Also, may be used on nickel plated parts to protect un-plated surfaces.

### Temporary Protection

1. For temporary protection use Cee-Bee<sup>®</sup> Nortex 3025 at 0.25-0.50% by volume, preferably in distilled or deionized water (chlorides and other components of tap water tend to reduce protection).
  - a. Parts processed in Cee-Bee<sup>®</sup> Nortex 3025 at 0.25 - 0.50% by volume will not interfere with NDT inspection.
  - b. For longer protection use at up to 10.0% by volume.
2. Thoroughly clean the parts, then spray on a Cee-Bee<sup>®</sup> Nortex 3025 solution or use in a dip tank. Operate at ambient temperature at or up to 170°F (77°C) for faster drying. Allow the part to soak 3 to 5 minutes, then drain well to remove excess solution from recesses and air dry.

### For Tube Mill Corrosion Protection

1. Operate at room temperature and apply Cee-Bee<sup>®</sup> Nortex 3025 at 20-50% by volume. Concentration is dependent on system of application and protection required.

### For Corrosion Protective Dip on Zinc Plated Ferrous Parts

1. Operate at room temperature and apply Cee-Bee<sup>®</sup> Nortex 3025 by immersion at 5-10% by volume. Parts are dried by warm air centrifuge for barrel plated parts.

### Nickel and Chrome Plated Parts

1. Protected by immersion in a water solution of Cee-Bee<sup>®</sup> Nortex 3025 at 1-5% by volume. Concentration is dependent on system of application and protection required.

## Solution Control

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### Concentration by Titration

1. Pipette a 5 ml sample of the working solution into a flask.
2. Add 50 ml of water and 2 drops of Bromocresol Green Indicator.
3. Titrate with 0.1N acid to the endpoint, a color change from blue to yellow. Record volume.

### Calculation

Mls of acid x 0.54 = % by volume, Cee-Bee<sup>®</sup> Nortex 3025.

## Safety, Handling, and Precautions

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- A mild skin and eye irritant. Avoid contact. Use goggles or face shield and rubber gloves
- Do not take internally.
- For accidental contact, flush area with water. If irritation persists, seek medical attention.
- Remove contaminated clothing and launder before reuse.
- Cee-Bee<sup>®</sup> Nortex 3025 should not be used with nitrites or nitrates because under certain conditions, nitrosamines may be generated.

## Contact Us

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Revision: 10/2021 (Rev. A4)