

COR-BAN® 22



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Product description:
**CORROSION INHIBITING
COMPOUND**

FEATURES:

- ▶ A long lasting, water displacing, corrosion inhibiting compound
- ▶ **Cor-Ban® 22** formula is based on the **Cor-Ban® 27L** CIC
- ▶ A soft and self healing finished coating

KEY BENEFITS:

- ▶ No cracking or flaking to -60°F (-51°C)
- ▶ **Cor-Ban® 22** can be applied to corroded areas to prevent further corrosion from occurring
- ▶ Provides additional barrier protection for corrosion prone internal steel bores of horizontal pivot shafts and landing gear bogies
- ▶ Free of chromates and heavy metals
- ▶ Low toxicity
- ▶ Film is detectable and non-sagging
- ▶ Solvent removable
- ▶ A military approved CIC for stopping corrosion on pre-corroded metal parts



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KEY BENEFITS (CONTINUED FROM PAGE 1):

- ▶ Highly penetrating formula delivers the corrosion protection of **Cor-Ban® 27L** into faying surfaces
- ▶ Preferred CIC for routine maintenance
- ▶ > 4000 hours of salt spray

SPECS:

- Boeing BMS 3-23 (Meets requirements)
- NSN 8030-01-523-4290 (16 fl oz (473 mL) Aerosol)
- NSN 8030-01-531-7352 (5 Gallon (18.9 Liter) Pail)
- T.O. 1C-130A-23
- T.O. 1C-5A-23
- T.O. 1C-130J-23
- T.O. 1C-130J-2-00GV-00-1

APPLICATIONS:

- ✓ Apply by conventional airless, air-operated spray equipment, or by aerosol
- ✓ **Cor-Ban® 22** can be applied over pre-existing corrosion
- ✓ The coating can be applied as thin as 1 mil (25 microns) film thickness to achieve the desired corrosion protection
- ✓ The **Cor-Ban® 22** aerosol can be used in conjunction with the **Formit®** extensions to provide targeted spray to areas that may be difficult to reach but need to be coated. Please refer to the **Formit®** technical data sheet for more information.
- ✓ All properties represented were achieved with a wet film thickness of 1.0 mils (25 microns). This wet film thickness can be measured with **Zip-Chem®** 's **Wet Film Thickness Gauge**.
- ✓ One aerosol can covers approximately 90 ft² (8.3 m²)
- ✓ Paste application of **Cor-Ban® 22** is available as **Cor-Ban® 27L**
- ✓ Apply **Cor-Ban® 22** on landing gear equipment and hardware that is not primed or top coated

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APPLICATIONS (CONTINUED FROM PAGE 2):

- ✓ Store Cor-Ban® 22 at 40°F - 100°F (4.4°C - 37.8°C) in the original unopened containers. Keep containers closed when not in use and protect Cor-Ban® 22 from direct sunlight.

PHYSICAL PROPERTIES:

- ▶ **Color:** reddish-brown
- ▶ **Compatibility Cd, Mg, Al:** Pass
- ▶ **Corrosion Resistance ASTM B-117:** >4000 hours on Steel
- ▶ **Flash Point:** 105°F (40°C)
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Low Temp Flaking:** Pass
- ▶ **Material VOC:** 538 grams/Liter (4.4 Lbs/Gal)
- ▶ **Non-Volatiles:** 33%
- ▶ **Penetration:** BMS 3-23F pass
- ▶ **Shelf Life:** 3 Years From Date Of Shipment If Properly Stored
- ▶ **Solvent Type:** Aliphatic
- ▶ **Specific Gravity:** 0.82

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PHYSICAL PROPERTIES (CONTINUED FROM PAGE 3):

- ▶ **Water Displacement:** 0% Rust
- ▶ **Water Resistance:** Pass

AVAILABLE PACK SIZES:

Cor-Ban® 22

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-007047
- ▶ Case of 24 of 4 fl oz (118 mL) Aerosols-103734
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-009400
- ▶ 5 Gallon (18.9 Liter) Pail-007049
- ▶ 55 Gallon (208 Liter) Drum-007050
- ▶ Special Packaging Upon Request

Wet Film Thickness Gauge

- ▶ 100266

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AVAILABLE PACK SIZES (CONTINUED FROM PAGE 4):

Cor-Ban® 27L

- ▶ Case of 12 of 5 fl oz (148 mL) Tubes-009402
- ▶ Case of 12 of 5.8 fl oz (172 mL) packaged within a standard 6 oz (170 gram) Semco cartridge-009403
- ▶ Case of 12 of 14 fl oz (414 mL) Grease Cartridges-009873
- ▶ Case of 12 each Quart (946 mL)-009405
- ▶ Case of 12 each Pint (473 mL) Cans-009404
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-009406
- ▶ 5 Gallon (18.9 Liter) Pail-002099
- ▶ Special Packaging Upon Request

Formit®

- ▶ 12 Assemblies Per Package
- ▶ **Formit® Sample Pack** with 3 each of **Formit®-18-F**, **Formit®-18-180**, **Formit®-18-360**, and **Formit®-18 STD-Fog-100107**

