



## Technical Data Sheet

### B&B™ 3100 Gas Path Cleaner

#### Product Description

**B&B 3100** Gas Path Cleaner is a concentrated liquid compound for gas path, compressor and fuel nozzle cleaning, in portable or stationary turbine engines. When used as directed, it is effective in cleaning compressor blades, stators, air passages, etc. in turbine engines. Safeguards against abnormal temperature increases, power loss and increases in fuel consumption.

#### Features and Benefits

- Removes salt, oil and solid deposits
- Flash point above 150°F (65°C)
- No abrasive or gritty material
- Non-crazing to acrylics when used as directed

#### Properties

Color	Brown
Odor	Solvent
Flash Point Pensky-Martens	66.1 °C
VOCs g/L	519

#### Use Instructions

B&B 3100 should be applied to all engines in compliance with instructions outlined in applicable T.O.s and engine manufacturer's technical manuals. Consult engine manufacturer's technical manuals for blanking off or disconnecting air bleeds and protecting sensing devices from moisture.

Suggested Use: Dilute 1 part B&B 3100 with 4 parts fresh water for use in all engines.

- Smaller engines typically require about 2 ½ gallons of solution.
- Larger engines require approximately 5 gallons of mixed solution for adequate cleaning.
- After application, rinse with fresh water (using same procedure as chemical application) until discharge water from tail pipe is clear.

Ensure ignition circuit breaker is pulled during the entire cleaning procedure. B&B 3100 is not to be used with ignition on and engine running. Use starter motor only. Consult engine manufacturer's manual for starter motor wash procedure.

For cleaning operations below freezing, contact your Vantage representative for details.



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#### Approvals/Testing

##### Approvals

- **Military**
  - MIL-PRF-85704, Cleaning Compound, Turbine Engine Gas Path, Type I, Solvent emulsion cleaner concentrate containing aromatic hydrocarbon solvents for use in starter cranked engine cleaning operations only
- **Pratt & Whitney**
  - PWC11-001C Cleaning Agent, Engine Maintenance Manual 71-00-00 Power Plant – Cleaning, Model Part Number 3021442, PT
- **GE**
  - Industrial AeroDerivative Gas Turbines, LM6000 PC, GEK 105059, Gas Path Water Wash WP 401400 Model Series 6001 Gas Turbine, GEK 99604, Inspection & Maintenance Instructions
  - Industrial AeroDerivative Gas Turbines, LM2500

**NSN #** 6850-00-181-7594 (5 gallon), 6850-00-181-7597 (55 gallon)

#### Disposal/Safety

##### Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

##### Safety

Please see Safety Data Sheet for further information.

#### Packaging

Available in pails and drums.

#### Shelf Life

24 months from date of manufacture when stored in original, sealed container above 50°F (10°C).

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