

## MILITARY / COMMERCIAL AVIATION



**Penetone 19B** is a neutral pH liquid cleaner. **Penetone 19B** complies with the requirements of General Electric MID-IDM-6000-3 Appendix A5 "Specification for Liquid Detergent for Compressor Cleaning for GE Aircraft Derivative Gas Turbines in Industrial Applications" as tested by an independent laboratory. Frequent washing of compressor and turbine units with **Penetone 19B** will guard against sulfidation attack, keep compressor airfoils free of contamination and reduce corrosion of compressor blades, stators and discs. When used regularly, **Penetone 19B** also virtually eliminates those time consuming carboblast cleaning methods which employ dry, abrasive media such as walnut shells. **Penetone 19B** can be utilized in a wide variety of areas: public utilities, railroads, marine trade, offshore oil platforms, gas and oil pipelines. Penetone 19B is safe on titanium, brass, copper, magnesium and aluminum.

## FEATURES AND BENEFITS

- Reduces corrosion
- Safe on most metals
- Saves time and money
- Guards against sulfidation attack
- Keeps compressor airfoils free of contamination
- Removes multiple soils

### Typical use procedures

Shipped in highly concentrated form, **Penetone 19B** is diluted for use with up to nine parts water, depending on soil conditions. Use **Penetone 19B** on all interior and exterior parts of gas turbine compressor units, compressor airfoils, turbine blades, turbine internal parts and free turbine exterior surfaces to remove salts, light oils, atmospheric soils, sodium compounds, synthetic hydraulic fluids and cooling oils.

# PENETONE® 19B

## GAS TURBINE CLEANER AND INDUSTRIAL DEGREASER

### PHYSICAL PROPERTIES

Appearance	Clear amber liquid
Odor	Mild solvent
pH	About 10
Freezing Point	About 30°F
Boiling Point	About 212°F
Flash Point (TCC)	155°F PMCC
Relative Density	0.99
Auto-Ignition Temperature	Not determined
Water Solubility	Emulsifies
Viscosity	10 to 50 CP at room temperature

### APPROVALS

General Electric MID-IDM-6000-3 Appendix A5

### INCOMPATIBILITY

Strong oxidizing agents.

### WAREHOUSING PRECAUTIONS

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

### AVAILABLE SIZES

5 gallon Pail

55 gallon Drum

### FIRST AID MEASURES

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists or develops: Get medical advice or attention. Penetone recommends that after any eye exposure a physician be seen immediately.

**If swallowed:** Immediately call a poison center, doctor, physician or other competent medical authority. Rinse mouth. Product presents an aspiration hazard. DO NOT INDUCE VOMITING.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used to wash

### PERSONAL PROTECTION Security equipment



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**IMPORTANT:** Before using **PENETONE 19B**, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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