



# Technical Data Sheet

## Permatex® Anti-Seize Lubricant INDUSTRIAL

### PRODUCT DESCRIPTION

Permatex® Anti-Seize Lubricant is a heavy duty, high temperature lubricant that prevents galling, seizing and corrosion during assembly and assures easier disassembly. Also reduces wear in heavy pressure applications. The product contains a refined blend of aluminum, copper and graphite lubricants that can be used on slow moving parts. Meets or exceeds the requirements of Military Specification Mil-A-907E.

### PRODUCT BENEFITS

- Effectively lubricates assemblies exposed to high temperatures and heavy contact pressures
- Suitable for service up to 870°C (1,600°F)
- Reduces corrosion and seizing due to weathering or chemicals
- Permits easy disassembly of parts exposed to heat or corrosive environments

### TYPICAL APPLICATIONS

- Prevents seizing and fretting of high temperature assemblies, such as turbines and jet engines
- Exhaust manifold and engine bolts
- Anchor pins on brake assemblies
- U-bolts and spring bolts
- Lubricates and permits easy disassembly of assemblies exposed to high temperatures and heavy contact pressures, such as boiler and oven parts, jet engines, and industrial turbines.
- Hinges, gears, chain, sprockets and rollers

### DIRECTIONS FOR USE

- Clean mating surfaces before application
- For best results, apply to clean, dry surfaces.
- Clean surfaces with Permatex® Brake & Parts Cleaner.
- Wire brush any loose surface rust.
- Apply Anti Seize to the parts that require protection.
- Reassemble parts using normal torque values.
- Wipe off excess material.

### For Cleanup

- Clean parts of excess material with disposable towel.
- Clean hands with Permatex® brand hand cleaners.

### PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Grease
Appearance	Silver metallic paste
Odor	Light petroleum
Specific Gravity	1.13
Temperature Range, °C (°F)	-60(-51) to 870 (1,600)

Viscosity, poise 1000 - 2000  
Flash Point >350°F

### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

### Ordering Information

Part Number	Container Size
81343(133AR)	1 oz. tube
80078(133K)	8 oz. brush-top bottle
80208(767)	16 oz. brush-top bottle
09175	5 gm pouch, (display box)
80071	4 oz. Brush top bottle
81464	12 oz. Aerosol can
80206	1 gallon pail

### Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range.

### Note

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