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Technical Data Sheet

Permatex® Anti-Seize Lubricant

INDUSTRIAL

PRODUCT DESCRIPTION S.I.N.: 834-300

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.

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

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

For Cleanup

1. Clean parts of excess material with disposable towel.
2. 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)

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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