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Technical Data Sheet

Permatex[®] Ceramic Extreme Brake Parts Lubricant

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PRODUCT DESCRIPTION

Permatex[®] Ceramic Extreme Brake Parts Lubricant is a purple, environmentally friendly, non-melting, pure synthetic lubricant base formula. It is formulated to lubricate under the most adverse brake conditions, assuring that critical caliper pins, sleeves, bushings and pistons remain lubricated throughout pad life. Contains ceramic solids for extreme performance under the most critical braking parameters. Permatex[®] Ceramic Extreme Brake Parts Lubricant, with its water and corrosion resistant properties, is excellent on rolling and sliding surfaces operating in wet or dry conditions from -50°F to +3000°F (-46°C to +1649°C). It is compatible with internal and external brake rubber and plastic hardware, including ethylene-propylene rubber.

PRODUCT BENEFITS

- Temperature range -50°F to +3000°F (-46°C to +1649°C)
- Prevents disc brake squealing and chattering
- Prevents long bolt and sleeve seizing and galling
- Outperforms ordinary caliper greases and traditional disc brake quiet products
- Non-silicone, non-petroleum based formula
- 100% synthetic lubricant, environmentally safe

TYPICAL APPLICATIONS

- Long and short bolts
- Sleeves
- Bushings
- Outboard pad backing plate
- Inboard pad backing plate
- Disc brake calipers
- Caliper pins
- Pistons

DIRECTIONS FOR USE

1. Wire brush the caliper housing and anchor plate to remove all dirt and dust.
2. Clean all parts with Permatex[®] Brake & Parts Cleaners.
3. Apply Permatex[®] Ceramic Extreme Brake Parts Lubricant to all moving caliper hardware, mating surfaces and steel backing plates of the disc brake pads.
4. Lubricant may be applied to the **BACKS** of brake pads to act as a noise suppressor eliminating caliper brake squeal and chatter.
5. Any excess grease that squeezes out from the mating surfaces should be removed.

Note: Keep lubricant off pads and rotors.



PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Synthetic base oil
Appearance	Purple paste
Specific Gravity	0.95
Worked penetration (60 strokes), ASTM D-217	265-295
Dropping point, °C (°F) ASTM D-2265	None
NLGI Number	2
Rust Preventative Test ASTM D-1743	Pass
Water Washout @100F, % Loss, ASTM D-1264	2.0
Timken OK Load, lbs. , ASTM D-2509	45
Four-Ball Wear Scar, mm (40 kg. 1 hr 1200 RPM) ASTM D-2266	0.6

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems.

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

ORDERING INFORMATION

Part Number	Container Size
24124	14g (2-7g pouches)
24125	8 fl oz brush-top bottle

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at temperatures from 8° and 28°C (46° and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOT FOR PRODUCT SPECIFICATIONS.
THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.
PLEASE CONTACT PERMATEx, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.
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NOTE

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