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## Technical Data Sheet

# Permatex® White Lithium Grease

INDUSTRIAL

### PRODUCT DESCRIPTION

Permatex® White Lithium Grease is a liquid aerosol lubricating paste designed to reduce friction between load bearing moving metal surfaces and/or the combination of metal and plastic surfaces. The product also protects metal surfaces from corrosion.

S.I.N.: 834-300

### PRODUCT BENEFITS

- Multi-purpose, high temperature, long lasting lubricant
- No-sag Teflon based formula increases lubricity
- Easy application, aerosol spray for maximum coverage
- Excellent rust and corrosion inhibitor.
- VOC compliant.

### TYPICAL APPLICATIONS

#### MRO

- Open gears and chains
- Slide conveyors, guide rails
- Bearings, cams, pistons
- Machinery, tools and equipment

### DIRECTIONS FOR USE

1. Provide adequate ventilation.
2. Shake can thoroughly until the ball agitator inside the can is free. For best results, aerosol can should be at room temperature before spraying.
3. Holding can 8 to 10 inches from the surface for open area lubrication, or using the extension tube provided for hard to reach areas, press the nozzle and discharge the product on the assembly.
4. Repeat procedure if necessary.

### For Cleanup

1. Turn can upside-down and spray to clear nozzle.
2. Clean hands with Permatex® brand hand cleaners.

### PROPERTIES OF MATERIAL

	Typical Value
Chemical Type	Lithium grease
Appearance	White film
Odor	Mild
Worked Pentrometer*, ASTM D-217, mm	290 to 310
Dropping Point** ASTM D-566, °C (°F)	193 (380)
Oxidation***, ASTM D-942, psi	5.0 max
Rust 3 Bearing****, ASTM D-1743	1,1,1
Performance temperature range, °C (°F)	-10 to 150 (-15 to 300)
Flash Point	Aerosol, contents under pressure, consult MSDS
NFPA 704 Flammability Rating	4 (Highly flammable)

\* Measure of consistency of a grease to determine its plasticity

\*\* The temperature at which a grease turns to a liquid state

\*\*\* The resistance of lubricating greases to oxidation

\*\*\*\* Corrosion preventive properties of lubricating greases

### GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for 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
80345(WL-9)	1.5 fl.oz.tube, carded
81981 (195DA)	10.75 oz. net aerosol can

### 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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