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Technical Data Sheet

Permatex® 5th Wheel Grease

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PRODUCT DESCRIPTION

Permatex® 5th Wheel Grease is a heavy-duty waterproof lubricant containing graphite and molybdenum disulfide. This product was formulated exclusively to withstand the harsh environments that a fifth wheel encounters. The high solid content forms a plating action, giving this product higher load carrying capabilities that are needed in a fifth wheel application. Anti-rust and corrosion inhibitors are blended together with graphite, moly and other ingredients making a product that will outlast any conventional grease.

PRODUCT BENEFITS

- Easy and convenient to use
- No tools required for use
- Creates no mess
- Waterproof
- Long lasting
- Withstands extreme pressure
- Corrosion protection

TYPICAL APPLICATIONS

- All heavy duty fifth wheel top plates
- Fifth wheel top plates on light and medium duty trucks
- King pins
- Fifth wheel slides
- Axle slides
- Trailer balls

DIRECTIONS FOR USE

1. For maximum lubrication, place one envelope on each side of the fifth wheel plate near the base. or
2. Place one envelope on each side of the king pin on trailer as previous lubrication will hold the envelope in place.
3. When the fifth wheel plate engages, the envelope ruptures to release the lubrication.
4. The grease filled envelope disintegrates as these plates rotate on each other.
5. There is no environmental waste.

CLEANUP

1. Wipe off excess material with a dry paper towel.
2. Clean hands with Permatex® Trounce® hand cleaner or soap and water.
3. The product contains graphite and molybdenum disulfide that may require several washings to remove.

PHYSICAL PROPERTIES

	Typical Value
Chemical Type	Enhanced petroleum grease
Appearance	Black paste
Odor	Petroleum
Specific Gravity	0.90
Flash Point, COC	>400°F
NLGI No.	1
Penetration (60 strokes) ASTM D-217	310 - 340
Dropping Point °F(°C) ASTM D-2265	338(170) Min.
Temperature Range °F(°C)	-40 to 320 (-40 to 160)

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
01010	60 pack carton display
01020	350 pack bulk carton

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 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.

NOTE

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