



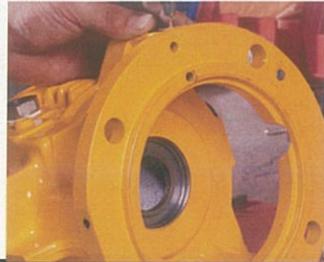
CHESTERTON
Global Solutions, Local Service.

787

SLIDING PASTE

APPLICATION AREAS

- *Wire Ropes*
- *Cranes*
- *Railroad Switch Gear*
- *Open Gears on Doors & Bridges*
- *Press Fittings*



PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- NSF H2 Registration number 133956
- Pure non-carbonizing, synthetic base
- Excellent Water Washout Resistance
- No Toxic Heavy Metals
- Ultra-Fine Particles
- Non-Fling, Clinging Lubricant

PACKAGING

500g Brush Top
1 Gallon/3.8L
20L

DIRECTIONS

Brush or pump 787 Sliding Paste into areas needing to be lubricated. Spread evenly to thoroughly lubricate all parts and equipment which will see friction.

DESCRIPTION

Chesterton® 787 Sliding Paste is a premium quality pure synthetic lubricant that will function effectively even at ultra high temperatures and pressures. Designed for the most severe operating conditions, it provides, lubrication at pressures up to 10687 kg/cm² and 538°C. 787 Sliding Paste is a unique thixotropic hybrid lubricant. Consisting of a semi-soft paste-like material, this product will flow to fill in small tolerances, yet will keep metal parts separated by the microscopic, symmetric, plates which slide over each other and provide effective lubrication long after the clean synthetic base oil has burned off. Applications for Chesterton 787 Sliding Paste can be found anywhere a need exists for a clinging semi-solid lubricant that will resist water washout and can withstand high temperatures and pressures. Unlike a grease which can turn to liquid and fail under extremely high loads and temperatures, 787 will maintain a slippery film on surfaces and prevent wear, galling and seizure at temperatures unthinkable for a grease. Use in such high temperature applications as lubrication of welding equipment, steel production facilities, smelting factories, forging furnaces, metal casting foundries, around exhaust stacks in power stations, turbine exhaust areas, and any other area exposed to extreme conditions. Because of its excellent resistance to water washout, the product works extremely well in outdoor applications such as on railroad switching equipment and wire rope cables.

Technical information continues on page 2

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SLIDING PASTE

TYPICAL PHYSICAL PROPERTIES

Appearance	Dark gray
Texture	Paste-like
Specific Gravity	1.3 kg/l
Average Particle Size	< 7 microns
Extreme Pressure (ASTM D 2596, DIN 51 530)	10678 kg/cm ² (152,000 psi)
Operating Temperature	Up to 538°C (1000°F)
Coefficient of Friction "K" Factor (ASTM D 2266) 75°C (167°F)	0.08
260°C (500°F) Modified for High Heat	0.10
Four Ball EP, Weld (ASTM D 2596, DIN 51 350)	
Weld	3922 N (400Kfg)
Non-seizure Load, Scar	80Kfg (0.39 mm)
Load Wear Index	90.0
Bolting Factor, Knut Factor (Skidmore-Wilhem Method)	0.16
Corrosion Resistance (ASTM B 117)	>500 hrs
Water Washout (ASTM D 1264) 79°C (175°F)	5.08

Before using this product, please refer to Safety Data Sheet (SDS).