

Puma High-Vacuum Grease

Puma High Vacuum Grease

- Seals and lubricates chemical processing equipment.
- Lubricates plug valves, control valves, flow meter bearings, ceramic plug, cocks, fire extinguisher valves, water treating equipment, synthetic rubber gaskets and seals in high temperature applications.
- Seals vacuum and pressure systems.
- Lubricates O-rings in binoculars and telescopes. Prevents fogging of delicate lenses

- ✓ Low Volatility
- ✓ Water Resistance
- ✓ Wear reduction

Design to perform

Chemical resistance

Puma High-Vacuum Grease is unaffected by most vegetable and minerals oils, many organic compounds, and most common gases. It is also resistant to most aqueous solutions of inorganic salts and to dilute acids and alkalises. The suitability of Puma High Vacuum Grease should always be tested before the material is adopted for regular use.

Composition

- Silicone oil
- Inorganic thickener

Solubility

Puma High-Vacuum Grease is insoluble in water, methanol, ethanol, acetone, glycol and glycerine. It can be dispersed in kerosene, Stoddard solvent, benzene, toluene, ethyl ether or petroleum ether.

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Meets/ exceeds the Following specifications:

- FDA 21 CFR 175.300

Typical Physical Characteristics

Property	Units	
Colour		Translucent, white to grey
Physical property		Stiff compound
Penetration unworked	mm/10	170/230
Penetration worked	mm/10	<260
Bleed	%	<0.5
Evaporation after 24 hours at 200°C	%	<2.0
Melting point		none

These characteristics are typical of current product methods whilst future production will conform to Puma Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Safety Data Sheet (SDS) which can be obtained from pumaenergypng.datasheetdownloads.com, sds.pumaenergy.com.au