



VOLT GREASE LONG-LIVE POLYUREA GREASE

Grease Warehouse Volt EP grease is a premium long-life multipurpose grease, specially designed for high-load electric motors, with a dielectric value over 900 volts. Exhibits excellent thermal stability, exceptional ability to sustain high temperatures. In addition, it has high shear resistance compared to other polyuria thickener greases. It has high resistance against water and water washing. Maintains its consistency under severe conditions and resists corrosion and rust. Grease Warehouse Volt EP grease has a combination of additives that allows it to be used in severe applications with high protection capacity against extreme pressures. It has the exceptional ability to be used at highly severe temperatures due to its ability to reverse its characteristics and maintain its structure.

QUALITIES:

- Outstanding dielectric properties
- Excellent properties for working under extreme pressure
- Outstanding resistance to high temperatures
- Excellent water resistance
- Excellent protection against corrosion and rust

BENEFITS:

- Works under severe load and shock conditions
- Effective service in high temperature environments and applications
- Provides effective lubrication for long periods
- It is not washed with the entry of water
- Can be used in "fill for life" applications.
- Compatible with other polyurethane based greases

APPLICATIONS:

- Sealed bearings for lifelong lubrication
- Electric motor bearings or other applications where dielectric protection is required
- A wide range of industrial applications
- It is recommended for high load applications, passing the ASTM D2596 test over 400 kg.
- General applications for continuous use up to 160°C

TECHNICAL SPECIFICATIONS

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DEGREE OF CONSISTENCY	NLGI 2
Thickener	Polyuria
Penetration worked at 25°C (ASTM D-217)	265-295
Dropping Point (ASTM D-2265)	260°C
Waterproof	Excellent
Water wash (ASTM D-1264), %	5%(80°C)
rust proof	Happens
Corrosion at 100°C (ASTM D-1402)	Happens
Useful life at 160°C	300 hours
Dielectric value (volts/mil)	900
Timken load, lb (ASTM D 2509)	fifty
Four ball test (ASTM D2596)	400 kg.
Viscosity cSt base oil at 40°C	140 cSt
Viscosity cSt base oil at 100°C	14 cSt
Texture	soft sticky
Color	Blue

GREASE WAREHOUSE

Highland, 46322 United States