

TEC-GUARD

EP 2 POLYUREA GREASE

Tec-Guard EP 2 Polyurea Grease is formulated for heavily loaded plain and roller bearings operating at high temperatures and where low oil separation is required. The excellent extreme pressure protection makes the grease suitable for bearings with high axial loads, such as thrust bearings.

Performance Description	Test Method	Condition	Typical Values
Temperature Range			-20°C to 177°C (-4°F to 350°F)
Appearance / Color			Smooth/Green
Base Oil			Mineral
Base Oil Viscosity	ASTM D-445	40°C	150 cSt
Thickener			Polyurea
NLGI Grade			2
Worked penetration (x60)	ASTM D-217	25°C (77°F)	280
Dropping Point	ASTM D-2265		> 260°C
Copper Corrosion	ASTM D-4048	24 hours @ 100°C (212°F)	1b
Rust Prevention	ASTM D-1743	48 hrs @ 52°C (125°F)	Pass
Water Washout	ASTM D-1264	79°C (174°F)	<5%
Oxidation Stability	ASTM D-0942	100 hrs, 99°C	<35 kPa
Wear Prevention (4 Ball Method)	ASTM D-2266	1200 rpm, 40 kg. 1 hr, 52100 steel	0.55 mm
Extreme Pressure Properties (4 Ball Method)	ASTM D-2596	Load Wear Index	50
		Weld Load (min)	315kg

Characteristics

- Outstanding oxidation stability
- Excellent resistance to water washout
- Good mechanical stability
- High load carrying capacity
- Long grease life

Storage and Handling

- Tube should be stored upright at all times.
- If grease left in grease gun: Depressurize, wipe clean, store in clean, cool, dry place.
- Avoid prolonged storage, inspect if more than one year old.
- Storage life up to 5 years.
- Store in cool, dry indoor area that does not exceed 86°F and remains above 32°F.
- Do not store near heat source or expose to direct sunlight.
- Store in original packaging or container and keep container closed until time to use.
- Wipe lid or cover clean before opening.
- Always use clean tools and dispensing equipment.
- Close or cover container after use.

Note: Tec-Guard makes no warranty or representation either expressed or implied, including warranty of merchantability or fitness concerning this product except that it conforms to the chemical description on the label. All risks resulting from the use of this product are to be borne by the buyer at its sole expense. Neither Tec-Guard nor the seller shall be responsible in any manner for any personal injury or property damage, or other type of loss resulting from the handling, storage, or use of this product

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