



Krytox[®]

performance lubricants

Krytox[®] GPL 227 High-Temperature Anticorrosion Grease

This grease provides protection from rusting, high temperature corrosion, and antiwear. It has excellent lubrication over a broad temperature range. Krytox[®] GPL 227 is nonflammable, oxygen compatible, and chemically inert. Krytox[®] allows extended lubrication intervals and longer equipment life.

Typical applications include corrugator and paper machine bearings, aluminum can manufacturing bearings, vacuum sputtering machines, welding machines, linear bearings, high temperature fans, clean rooms, chlorine service, textile equipment, tenter frames, high speed motors, instrument bearings, sealed for life motors, conveyor system in glass and aluminum plants, textile calendar roll bearings, brick kiln car bearings, CV joints, wheel bearings, universal joints, clutch throwout bearings, paint plant conveyor bearings, ventilation fan bearings, valve lubrication, and starter bearings.

Typical Properties

| | |
|---|---------------------------|
| Standard NLGI Grade | #2 |
| Estimated Useful Temperature Range, °C (°F) | -30-288 (-22-550) |
| Base Oil Viscosity, cSt | |
| 20°C (68°F) | 1600 |
| 40°C (104°F) | 440 |
| 100°C (212°F) | 42 |
| Oil Separation, % | |
| 30 hr at 99°C (210°F) | 3 |
| Appearance | White, Creamy Consistency |
| Anticorrosion Additives | Sodium Nitrite |
| Antirust Rating | |
| ASTM D1743 | Pass |
| Specific Gravity | 1.95 |
| Four Ball Wear Scar | |
| ASTM D2266 at 1 hr, 1200 rpm, 107°C (225°F), 20 kg load | 0.4 mm |
| Coefficient of Friction | |
| ASTM D2266 | 0.11 |

For more information or technical assistance, visit us on the Web: www.krytox.com

Or call the Krytox[®] hotline in the **United States** at (800) 424-7502, E-mail: krytox@usa.dupont.com

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