Krytox™ GPL 226 and GPL 227

Performance Lubricants

High-Temperature Anti-Corrosion Greases

Product Information

Krytox™ GPL 226[1] and GPL 227[2] high temperature anti-corrosion greases provide protection from rusting, high temperature corrosion, and antiwear, as well as excellent lubrication over a broad temperature range. Krytox™ GPL 226 and GPL 227 are nonflammable, oxygen-compatible, and chemically inert. Krytox™ lubricants enable extended lubrication intervals and longer equipment life.

[1]Krytox™ GPL 226 is NSF146850 registered.
[2]Krytox™ GPL 227 is NSF147520 registered.

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 calender 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.

Product Properties of Krytox™ GPL 226 and GPL 227 Greases

Typical Properties	Krytox™	
NLGI Penetration Grade #2	GPL 226	GPL 227
Penetration Range, mm/10	—	265-295
Estimated Useful Temperature Range, °C (°F)	-36 to 260 (-33 to 500)	-30 to 288 (-22 to 550)
Base Oil Viscosity, cSt 20 °C (68 °F) 40 °C (104 °F) 100 °C (212 °F)	 810 240 25	 1600 440 42
Oil Separation, %, 30 hr at 99 °C (210 °F)	3	3
Appearance	White, creamy consistency	White, creamy consistency
Anti-Corrosion Additives	Sodium nitrite	Sodium nitrite
Anti-Rust Rating, ASTM D1743	Pass	Pass
Specific Gravity	1.95	1.95
Four Ball Wear Test, mm, ASTM D2266, 1 hr, 1200 rpm, 107 °C (225 °F), 20 kg load	0.4	0.4
Coefficient of Friction, ASTM D2266	0.11	0.11
Food Contact Approval	NSF H-1	NSF H-1

For product information, industry applications, technical assistance, or global distributor contacts, visit krytox.com or within the U.S. and Canada, call 1-844-773-CHEM/2436 or outside of the U.S., call 1-302-773-1000.

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Chemours™