Krytox™
Performance Lubricants

Corrugator Greases—NSF H-1 Food Grade Certified

Product Information

Krytox™—Setting the Standard for the Corrugating Industry

Since the 1980s, Krytox™ anticorrosion greases have set the standard for high temperature bearing lubrication in corrugator applications. These products are the same high performance formulation the corrugated industry has trusted for years and, we are pleased to announce, are now certified for incidental food contact.

NSF Certification Means Safety and Confidence

To provide absolute confidence and safety in food-related operations, these products are NSF H-1 food grade certified. Corrugator Krytox™ 226 FG and Corrugator Krytox™ 227 FG provide you with peace-of-mind and full confidence that Krytox™ greases are non-toxic, and completely biologically and environmentally inert.

Krytox™ corrugator greases are recommended for use in high temperature corrugated equipment applications and manufacture of food packaging materials where an H-1 rated lubricant is required.

Property	Corrugator Krytox™ 226 FG	Corrugator Krytox™ 227 FG
NLGI Grade	2	2
ISO Grade of Base Oil	220	460
Specific Gravity	1.95	1.95
Oil Separation, %, 30 hr at 99 °C (210 °F)	3	3
Anticorrosion Additive	Sodium Nitrite	Sodium Nitrite
Coefficient of Friction, ASTM D2266	0.11	0.11
Thickener	PTFE	PTFE
Appearance	White, creamy consistency	White, creamy consistency
Base Oil Viscosity, cSt at 40 °C (104 °F) at 100 °C (212 °F)	 240 25	 440 42
Viscosity Index	134	155
Operating Range, °C (°F)	-36–260 (-33–500)	-30–288 (-22–550)
Rust Prevention, ASTM D1743	Pass	Pass
Four Ball Wear Scar, ASTM D2266 at 1 hr, 1200 rpm, 107 °C (225 °F), 20 kg	0.4 mm	0.4 mm
Oil Volatility, %, 22 hr at 204 °C (400 °F) ASTM D2595	3 max.	1 max.

Chemours™

Reliability and Performance for Your Most Demanding Needs

High temperature, extreme pressure Krytox™ greases excel in the most demanding environments. Their non-oxidizing chemistry and wide temperature range allows them to be used in temperature extremes. Its superior oil film strength reduces friction and abrasive wear to significantly extend equipment life in severe duty applications. Krytox™ provides excellent water washout resistance, and superior rust and corrosion protection for bearings and components. Krytox™ is silicone-free, contains no VOC materials or chlorine, and is not hazardous to the atmosphere or ozone layer.

Chemical and Environmental Compatibility

While Krytox™ fluorinated greases are non-reactive, its PFPE chemistry is very different from standard hydrocarbon or synthetic chemistries and should never be mixed with non-fluorinated greases.

Krytox™ lubricants are inert and will not react with any materials they may come in contact with. The polymeric nature of these products is extremely resistant to moisture, so it stays in place during cleaning. Cleaners and disinfectants, both acidic and caustic types, do not affect them. Steam and high temperatures will not damage them. They do not damage plastic or elastomer seals, or cause corrosion to metals. They are nonflammable and are safe for use in oxygen service.

Packing the Bearing

New bearings should be inspected for damage and cleanliness before use. New unlubricated bearings are often coated with hydrocarbon-based rust preventive oils to protect them during storage. These preservative oils must be removed when using Krytox™ as a lubricant. Failure to do so could result in reduced bearing life.

The preservatives coat the bearing surface to prevent rust and corrosion; but, if not removed prior to use, will prevent the grease from protecting the metal surface. If left on the bearing, the preservative coating can oxidize and harden, and can create debris that will contaminate the grease.

Storage and Shelf Life

Krytox™ grease and oil lubricants have no expiration date and an indefinite shelf life if unopened and stored in a clean, dry location.

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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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Replaces: K-08980-1
C-10280 (9/15)