Aerospace Lubricants & Greases

Industries served:

- Aerospace
- Automotive NVH/Underhood
- Chemical Processing and Petrochemicals
- Corrugated Boxboard manufacturing
- Electronics/ Semiconductor
- Energy
- Food Processing
- Metal Processing
- Oil&Gas
- Pulp&Paper
- Reactive Gas
- Textile

Krytox® Fluorinated Oils Help Solve Challenging Lubrication problems

Krytox® Oils include:

- Linear oils — operating over a wide temperature range including extreme cold and heat
- Fluorescing oil — specially formulated oil for use under ultraviolet light, used to detect uniformity of an application
- General-purpose lubrication — clear and colorless, non-reactive, non-flammable and long-lasting fluorinated synthetic oils safe for 100% liquid or gaseous oxygen service
- Sintered bearing oils — non-reactive, non-flammable and long-lasting fluorinated synthetic greases safe for chemical and oxygen service; offer low evaporation and provide longer bearing life, as well as very high load-carrying capacity
- Vacuum pump fluids — non-reactive to all elastomers, plastics, most metals and process chemicals; high molecular weight; low vapor pressure; safe for oxygen systems; available with anti-rust protection

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Krytox® Greases Deliver Superior Lubrication and Much More.

Key product benefits of Krytox® greases include:

- White, pure, nontoxic, non-reactive, non-flammable, long-lasting, fluorinated synthetic greases
- Safe for chemical and oxygen service; provides radiation resistance
- Maintaining lubrication in extreme heat, under heavy load and in harsh chemicals
- Non-reactive to harsh chemicals, acids, steam or moisture
- Non-reactive to all typical elastomers, plastics, most metals and process chemicals
- Available with anti-rust protection
- NSF H1-certified for incidental food contact grease grades are available
- Operate in high temperature and under extreme pressure
- Water-resistant oils for food machinery applications also available
- Long-lasting lubrication for “filled-for-life” applications

Krytox® Solvents and Cleaners Really Work

Krytox® Solvent for PFPE* Oils and Greases

Krytox® fluorinated oils and greases are resistant to most common organic solvents. Because of this resistance, cleanup of Krytox® lubricants and other PFPE oils and greases requires special solvents that are ineffective on hydrocarbon-based lubricants and preservatives.

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Krytox® HC Plus Cleaner for Hydrocarbon Removal.

Krytox® HC Plus Cleaner is an unique cleaner developed for applications where removing both PFPE and hydrocarbon lubricants simultaneously is desired. It is a carefully balanced mixture of co-solvents that should be effective in cleaning most lubricants and preservatives from parts and housings.

* *PFPE = Perfluoropolyether*

Fluoroguard® Polymer Additives Improve Mechanical Performance.

Fluoroguard® polymer additives are used in a variety of molded parts made from thermoplastic or thermosetting polymers to improve mechanical performance — including low wear abrasion, flex fatigue, coefficient of friction, squeak and noise reduction, chemical resistance, and processing characteristics (such as melt flow, mold release and die buildup).

A small dose of Fluoroguard® polymer additives for strong, easily processed plastic parts.

- Fluoroguard® PCA polymer additives — used to improve product performance
- Fluoroguard® SG polymer additives — an oil for use in devices and tubing that meet USP Plastics Class VI requirements, NAMSA* tested, and is NSF H1-certified
- Fluoroguard® PRO polymer additives — based on low molecular weight oils and used primarily as processing aids