

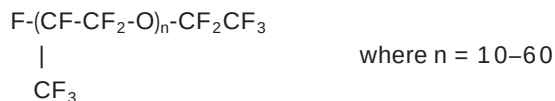
Kryto

Performance Lubricants

Product Information

Krytox™ PFPE Oils and Greases

Perfluoropolyether (PFPE) oils are clear, colorless, fluorinated synthetic oils that are non-reactive, nonflammable, safe in chemical and oxygen service, and long lasting. Krytox™ oil is a PFPE—also called perfluoroalkylether (PFAE) or perfluoropolyalkylether (PFPAE)—with the following chemical structure:



The polymer chain is completely saturated and contains only carbon, oxygen, and fluorine. On a weight basis, a typical Krytox™ oil contains 21.6 % carbon, 9.4 % oxygen, and 69.0 % fluorine.

Compatibility with Metals

Because of their low surface tensions, Krytox™ lubricants easily wet metallic surfaces. Krytox™ lubricants are chemically inert and, therefore, have no adverse effect on metals when the temperature is below 288 °C (550 °F). Above 288 °C (550 °F), many alloy steels, stainless steels, and other metals, such as aluminum alloy, titanium alloy, nickel alloy, and cobalt alloy, can be used with Krytox™ lubricants.

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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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