

InfinX MRO KF Bearing Greases

PFPE Bearing Greases for Corrosive Environments

Perfluoropolyether K-fluid greases specifically designed for use in high temp bearing applications

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The Halocarbon InfinX MRO KF Series Bearing Greases were developed by our Engineered Fluids team which has nearly 100 years of experience in PFPE lubricants. These specific grades meet the critical needs of users that require greases with unsurpassed stability and inertness to materials and chemicals. These greases are formulated using perfluoropolyether (PFPE) K-Fluids thickened with superior, non-irradiated micro powders of polytetrafluoroethylene (PTFE) and a corrosion inhibitor. These products are specifically designed for use in a broad range of applications and markets.

Superior Performance and Reliability

The InfinX MRO KF Series greases are typically used in severe, duty critical process applications where reliability is essential. Some of these applications include **bearings** that are operating under extreme conditions and temperatures. InfinX MRO KF Series greases are also used in processes where more traditional hydrocarbon-based lubricants do not work reliably, and extended life of critical components is required.

The InfinX MRO KF Series products are **nonflammable**, **nonreactive** and **chemically inert** to strong reactive chemicals such as acids, bases, and strong oxidizers like Chlorine, Fluorine, and Oxygen. These properties allow Halocarbon's InfinX MRO KF Series products to provide increased equipment reliability and promote plant safety.

Lubricants Designed for the Toughest Applications

■ InfinX MRO KF2RX Series Bearing Greases

The InfinX MRO KF2RX Series of greases are formulated using our InfinX MRO KF oils, which are then thickened using a high-grade PTFE thickener with a high melting point and small particle size for excellent bearing performance. These greases contain a corrosion inhibitor, and they are white in color and buttery in consistency.

Typical Properties: *InfinX MRO KF2RX Series Greases*

Properties	KF2R5	KF2R6	KF2R7
Base Oil	PFPE		
Thickener	PTFE		
Corrosion Inhibitor	Additive Included		
Base Oil Viscosity, cSt			
40°C	160	270	440
100°C	18	25	42
NLGI Grade	2	2	2
Service Temperature Range, °C	-30 to 204	-25 to 260	-20 to 288
Oil Volatility, %, 22hr., 240°C, ASTM D2595	1	<1	<0.5
Specific Gravity, g/cm ³	1.94	1.95	1.95
Appearance	Creamy White		