



INFINX™

*Infinite uses...
Infinite possibilities.*

FLUORINATED LUBRICANTS DESIGNED FOR YOUR APPLICATION

InfinX oils and greases are based on perfluoropolyether (PFPE) K-fluids. These synthetic fluorinated lubricants are used in extreme conditions at temperatures up to 300 °C (572 °F) and above for shorter periods. Chemically inert and safe for use in contact with hazardous chemicals, they are nonflammable and safe for use in oxygen service.

InfinX oils and greases are silicone free and do not damage plastics or elastomers or cause corrosion on metals. They are commonly used as lubricants in aerospace and aviation applications, as well as many automotive, industrial and semiconductor applications. Our lubricants solve many other routine lubrication problems. InfinX greases are drop-in replacements for the original products that this military specification was written for. This is the latest data from the certification that is required every five years.

This product is typically used in aerospace, automotive, chemical manufacturing, semiconductor, defense, robotics, and other general industrial markets.

InfinX AERO KFMS3 Grease is intrinsically nonflammable and nonreactive. It is safe to handle, broadly compatible with most materials, and chemically inert to strong reactive chemicals like Chlorine, Fluorine, and Oxygen in both liquid and gaseous forms.

AERO KFMS3 Grease

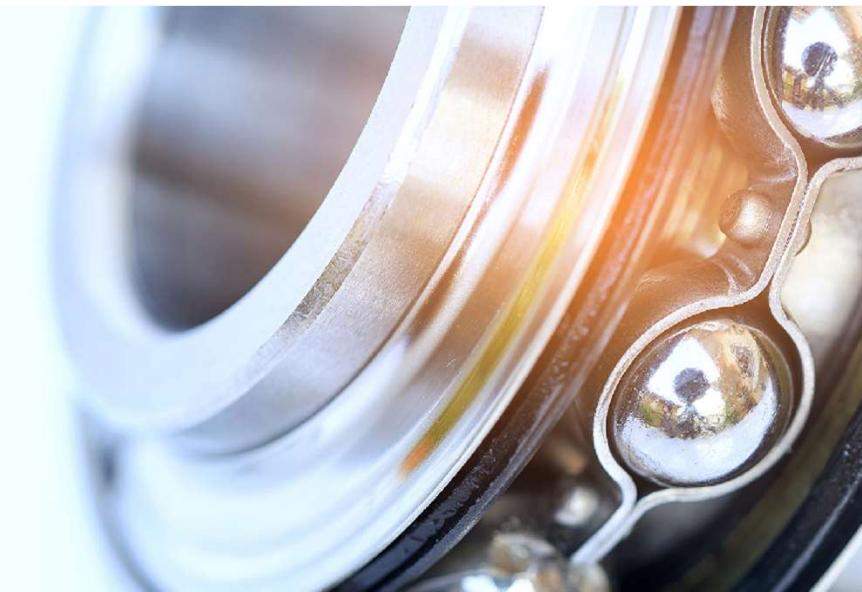


InfinX AERO KFMS3 is produced in a state-of-the-art facility and has been formulated using the highest quality base oil and thickener in order to compete against the leading competitive greases approved against MIL-PRF-27617G(1) Type III. Our data indicates we will meet or exceed performance verses all competitive offerings.

Typical applications include bearings, electrical connections, gears, valves, O-rings, process instrumentation, and more.

NSF H1 approved.

**SEE NEXT PAGE FOR
MORE DETAILS »**



Typical Properties: InfinX AERO KFMS3 Grease

Property	Result	Specification	Method
Penetration, P0	293	200 Min	ASTM D1403
Penetration, P60	295	265 - 310	ASTM D1403
Oil Viscosity, cSt 40C 100C	252 26	N/R	ASTM D445
Viscosity Index	126	N/R	ASTM D2270
Delta P0/P60 Max	2	30	ASTM D1403
Copper Corrosion	1a	2b Max	FTMS 5309
High Temperature Bearing Performance	>800 Hours No Failure	500 Hours Min	ASTM D3336
Evaporation, 22 Hrs. @ 204C, %	0.3	12.0 Max	ASTM D2595
Volatility, T=5% Loss	373C	N/R	TGA
Oil Separation, 30 Hrs. @ 204C, %	13	20.0 Max	ASTM D6184
Solubility in Fuel, %	0	20 Max	FTMS 5414
Resistance to Fuel	Pass	Pass	FTMS 5414
Film Stability & Corrosion on Steel	Pass	Pass	PRF 27617, 4.4.4
Liquid Oxygen Impact Sensitivity	0 Reactions / 20 Impacts	No Reactions	ASTM D2512
PDSC, 250C	>120 Minutes	N/R	ASTM D5483
Dirt Count: 25-74µ Over 75µ	12 0	1000 Max 0	FTMS 3005
Color	White	N/R	Visual
Appearance	Smooth	N/R	Visual

InfinX AERO KFMS3 Grease is manufactured with ISO certification

The information provided herein is based on technical tests conducted by Halocarbon and is believed to be correct. It is intended for use by persons trained in the proper use of these and related materials. Always refer to the appropriate Safety Data Sheets prior to using any product. Please contact our customer service department to obtain Safety Data Sheets. Since actual use conditions may differ from those used in the generation of the data provided herein, Halocarbon cannot guarantee the accuracy of this information or be held responsible for loss or damage that results from the use of this information. Nothing in this document is intended or should be construed as a recommendation to infringe on any existing patents.

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For over 65 years, Halocarbon has been one of the world's leading producers of high-quality fluorochemicals. At Halocarbon, we strive to build lasting partnerships and leverage our expertise in fluorochemistry to solve the toughest challenges. And, in the end, we answer to our clients... not to Wall Street. Learn more about HOW we're building upon our rich history and writing the next chapter in our company's story.

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