

Product Information

Krytox™ AUT 523 is a white, creamy grease based on perfluoropolyether (PFPE) oil and thickened with polytetrafluoroethylene (PTFE).

Krytox™ AUT 523 oils and greases are synthetic fluorinated lubricants designed for critical applications. Chemically inert and safe for use around hazardous chemicals, these lubricants are nonflammable, silicone-free, and do not contain VOC materials or chlorine. Krytox™ AUT 523 oils and greases do not damage plastics or elastomers, nor cause corrosion to metals.

Typical Applications

Krytox™ AUT 523 is useful in non-bearing automotive applications, such as spark plug boot lubrication, O-ring assembly aid, and NVH elimination.

As an O-ring assembly aid, Krytox™ AUT 523 lubricates and retains static O-rings during the assembly of mechanical or hydraulic components. It is compatible with a broad range of O-ring materials and will not harden excessively during service. O-rings lubricated with Krytox™ AUT 523 remain pliable, allowing for easy disassembly of the component and O-ring for required service, even after extended operations.

Typical Properties of Krytox™ AUT 523	
NLGI Grade	2
Grease Thickener	PTFE
Base Oil Viscosity, cSt 40 °C (104 °F) 100 °C (212 °F)	50 8
Oil Density, g/mL 0 °C (32 °F)	1.9
Grease Volatility, % in 22 hr 99 °C (210 °F) 204 °C (400 °F)	5.5 21
Oil Separation, % at 99 °C (210 °F), ASTM D6184	2.5

This table gives typical properties (not specifications) based on historical production performance.

Viscosity may vary within ±10%.

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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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