



Krytox™

Performance Lubricants

Premium Performance Gearbox Grease

Product Information

Performance Lubricants has developed a grease specifically designed to lubricate and protect high temperature gearbox gears, bearings, and seals. Krytox™ fluoropolymer greases provide excellent lubrication and will not oxidize in the most demanding high temperature environments, even in applications with operating temperatures up to approximately 270 °C (518 °F). Use of Krytox™ gearbox grease will help eliminate bearing and gear failures resulting from lubricant oxidation, lead to longer seal life, and extend gearbox life. In many applications, Krytox™ gearbox grease will last the life of the gearbox, greatly reducing or eliminating the need for maintenance and re-lubrication. When compared to oil-lubricated systems, use of Krytox™

grease can also significantly help reduce lubricant leakage related to seal failure.

Please consult with Krytox™ Technical Service to determine if the grade is right for your application or if an additional grade is required.

Krytox™ greases are made from clear, colorless fluorinated, synthetic oils that are non-reactive, non-flammable, safe in harsh environments, long lasting, and compatible with all seal materials. Krytox™ is a perfluoropolyether-based polymer composed of fluorine, oxygen, and carbon. No hydrogen is present in the molecule, resulting in exceptional stability and non-flammability.

Krytox™ Gearbox Grease Grade	GB H0
NLGI Grade	0
Penetration, ASTM D217	355–385
Thickener Chemistry	PTFE
Dropping Point, °C (°F)	>290 (>554)
Base Oil Viscosity, 40 °C (104 °F)	500
Estimated Useful Temperature Range, °C (°F)	-4–270 (25–518)
Appearance	Gray, Creamy
Specific Gravity	2.1

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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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