



Lubricants

- Temperature resistance
- Thermal stability
- Penetrate and free corroded assemblies



HIGH PERFORMANCE LUBRICATION

Solution	Dry Film Lubricant			Aerosol		Grease				Do you need fast acting corrosion release?
						Do you need an aerosol, an oil, or a grease?				
						Is there direct contact with severe chemicals? (i.e. chlorine, oxygen)				
						Yes		No		
	Loctite® Moly Dry Film Lubricant	Loctite® Krytox® RFE Advanced PTFE Dry Lubricant	Loctite® ViperLube® High Performance Synthetic Grease	Loctite® Krytox® RFE PFPE High Performance Lubricant	Loctite® Krytox® RFE PFPE Lubricant	Loctite® ViperLube® High Performance Synthetic Grease	Loctite® ViperLube® Clear High Performance Synthetic Grease	Loctite® ViperLube® High Performance Synthetic Grease	Loctite® ViperLube® Clear High Performance Synthetic Grease	Loctite® Freeze & Release
Base Oil	Molybdenum disulfide	PTFE†	PAO†	PFPE†	PFPE†	PAO†	PAO†	PAO†	PAO†	Mineral Oils, Silicone Free
Viscosity	•	•	•	240 CST ¹	240 CST ¹	240 CST ¹	103 CST ¹	240 CST ¹	103 CST ¹	1 cP
Temperature Range	-20°F to 750°F (-29°C to 398°C)	-15°F to 500°F (-26°C to 260°C)	-40°F to 500°F* (-40°C to 260°C)	-15°F to 500°F (-26°C to 260°C)	-15°F to 500°F (-26°C to 260°C)	-40°F to 500°F* (-40°C to 260°C)	-45°F to 520°F‡ (-20°C to 271°C)	-40°F to 500°F* (-40°C to 260°C)	-45°F to 520°F‡ (-20°C to 271°C)	-4°F to 113°F (-20°C to 45°C)
Four Ball Wear Test (mm)	•	•	•	0.30 mm ²	0.30 mm ²	0.42 mm ²	0.60 mm ²	0.42 mm ²	0.60 mm ²	NA
Food Grade	•	•	NSF H1	NSF H2	NSF H2	NSF H1	NSF H1	NSF H1	NSF H1	•
Common Sizes / Part Number	12 oz. aerosol – 39895 1.3 lb. can – 39896 10 lb. can – 39897	8 oz. aerosol – 30138	10.1 oz. aerosol – 36786	2 oz. tube – 29711 16 oz. cartridge – 29709	2 oz. tube – 29710 16 oz. cart. – 31361 16 lb. pail – 31360	3 oz. tube – 36781 14 oz. cart. – 36782 400 g can – 36783 30 lb. pail – 37061 120 lb. drum – 37710	3 oz. tube – 39341 400 g cart. – 39342 30 lb. pail – 39364	3 oz. tube – 36781 14 oz. cart. – 36782 400 g can – 36783 30 lb. pail – 37061 120 lb. drum – 37710	3 oz. tube – 39341 400 g cart. – 39342 30 lb. pail – 39364	13.52 fl. oz. (400 ml) aerosol – 996456

† PTFE = PolyTetraFluoroEthylene PFPE = PerFluoroPolyEther
PAO = PolyAlphaOlefin
* 400°F (204°C) – Continuous, 500°F (260°C) – Intermittent
‡ 420°F (216°C) – Continuous, 520°F (271°C) – Intermittent
¹ CST @ 40°C
² Four Ball Wear, ASTM D-2266 ³ Four Ball Wear, ASTM D-4172

Additional Products

Name	Feature	Part #	Pkg. Size
Loctite® Extreme Pressure Grease	NLGI 1	51242	14.5 oz. aerosol
Loctite® Gear, Chain and Cable Lubricant	Repels dirt, sand, and dust	81251	12 oz. aerosol
Loctite® Silicone Lubricant	Food processing	51360	150 g tube
Loctite® Dielectric Grease	Electrical Equipment	37535	3 oz. tube
Loctite® White Lithium Grease	Metal to metal, metal to plastic	30530	1.5 oz. tube
Loctite® Food Grade Grease	Food processing	51252	14.5 oz. aerosol
Loctite® Maintain® Lubricant Penetrant	Close-fitting parts	81204	16 oz. aerosol
Loctite® Hydraulic Jack Oil	Hydraulic units	30522	1 qt. can
Loctite® Penetrating Oil	Displaces moisture	51221	12 oz. aerosol



Loctite® Moly Dry Film Lubricant
Solid film lubricant for sliding surfaces and slow-moving parts. Temperature resistant up to 750°F (399°C) as a dry film lubricant, 2400°F (1315°C) as an anti-seize. Won't squeeze out, burn off, or pick up dirt.



Loctite® Krytox® RFE Advanced PTFE Dry Lubricant
High performance, synthetic lubricant designed to provide long-lasting lubrication for parts that require a dry, thin lubricating film. Krytox® RFE Advanced PTFE Dry Lubricant provides excellent lubrication properties over a broad temperature range.



Loctite® ViperLube® High Performance Synthetic Grease
NLGI Grade 2/Severe Duty GC-LB Grease provides protective protection against equipment exposed to a wide range of temperatures. Use as a lubricant and protective anti-rust film on bearings and machine parts, or as a release agent on gaskets and seals.



Loctite® Krytox® RFE PFPE High Performance Lubricant
Synthetic grease provides long-lasting lubrication for all types of moving and/or sliding parts. Compatible with all plastics, elastomers, and metals. Non-flammable, chemically resistant, and oxygen compatible.



Loctite® Krytox® RFE PFPE Lubricant
High performance synthetic grease formulated specifically for severe environments. Great for lubricating o-rings. Excellent lubrication properties over a broad temperature range and in chlorine processing. NLGI Grade 2.



Loctite® ViperLube® High Performance Synthetic Grease
NLGI Grade 2/Severe Duty GC-LB Grease provides protection against equipment exposed to a wide range of temperatures. Use as a lubricant and protective anti-rust film on bearings and machine parts, or as a release agent on gaskets and seals.



Loctite® ViperLube® Clear High Performance Synthetic Grease
Lasts four times longer than petroleum-based lubricants. Withstands temperatures up to 420°F (520°F intermittent). Contains PTFE for added protection against friction and wear. Non-flammable. Contains no ODCs. Clear in color.



Loctite® Freeze & Release, Fast Acting Corrosion Release
The solution for releasing seized or corroded parts. Instantly freezes seized and rusted parts (bolts, nuts, studs) down to -45°F (-43°C). The shock-freeze causes microscopic cracks in the layer of rust, allowing the lubricating ingredient to wick directly into the rust.