



K-Poly™ H-1 Food Service Grade

KML K-Poly™ Solid Lubricant is a Micro-porous Polymer that is formulated with high performance synthetic lubricating oils, extreme pressure additives and corrosion inhibitors. The newest Perfluorinated Formula is effective in caustic extreme wash-down applications. The K-Poly™ micro structure releases the oil as the bearing warms to operating temperature. The oil is reabsorbed after the bearing stops operation, eliminating weeping and unwanted dripping. KML K-Poly™ is specially formulated with an NSF registered H-1 grade synthetic oil in Food Service and Sanitary applications.

KML K-Poly™ H-1 Food Service Grade Solid Lubricant Part Number Suffix with Technical Information

KML K-Poly Product Type	Food Grade Product Formula Description	Wash-Down Rated	Operating Temperature		Low Temp Viscosity Additive	Chemical Resistant	Steam Resistant	Color
			Low	High				
K-Poly FGCT	Food Service Grade H-1 Cryogenic Freezing Solid Lubricant	X	-65°F	275°F	X			White/Amber
K-Poly FGHT	Food Service Grade H-1 High Temperature Solid Lubricant	X	-25°F	350°F				White/Amber
K-Poly FGLT	Food Service Grade H-1 Low Temperature Solid Lubricant	X	-55°F	200°F	X			White
K-Poly FGPF	Food Service Grade H-1 Perfluorinated Solid Lubricant	X	-35°F	350°F		X	X	White

KML K-Poly™ H-1 Food Service Grade Solid Lubricant provides solutions for difficult Sanitary Applications.

- K-Poly™ Solid Polymer Lubricant eliminates the need to grease the bearing. It is a true Lube-for-Life option that can eliminate costly lubrication intervals or make central lubrication systems obsolete.
- K-Poly™ Solid Polymer Food Service Grade Lubricant meets H-1 criteria and is Sanitary Equipment Design compatible.
- K-Poly™ Polymer Solid Lubricant blocks out contaminants that can cause premature bearing failure.
- K-Poly™ retains oil in the solid polymer matrix eliminating the need for re-lubrication. The encapsulated synthetic oil prevents liquid weeping past the seals at temperature extremes.
- K-Poly™ reduces internal friction which reduces start-up torque even at low temperature conditions where normal lubrication becomes stiff or solidifies.
- K-Poly™ Low Temperature Performance to -65°F (-54°C) in Cryogenic applications.
- K-Poly™ Food Service Grade High Temperature Performance to 350°F (177°C).
- K-Poly™ Solid Polymer Lubricant eliminates unwanted grease purge which is a visual negative during inspection reviews.