



CHRISTO-LUBE® MCG 159

CHRISTO-LUBE® MCG 159 is a fully fluorinated grease thickened with PTFE which operates under extreme temperature conditions, has outstanding stability with oxygen and excellent compatibility with metals, plastics and elastomers. This NLGI Grade #2 fluorinated grease is especially useful in lubricating bearings, gears and actuators typically found in the semiconductor industry. CHRISTO-LUBE® MCG 159 is clean room compatible and performs exceptionally well under extreme vacuum conditions.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Color		Colorless
Temperature Service Range (°C)		-20 to 260
Flash Point (°C) (ASTM D-92)		None
GREASE CHARACTERISTICS		
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295
	Worked	60X 265-295
Oil Separation (ASTM D6184)	24h at 149°C	10% max.
Evaporation (CTM-1)	24h at 149°C	3% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	0%
Specific Gravity (CTM-2)	25°C	1.974
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	Dynamic Coefficient of Friction (steel on steel)	0.120