



CHRISTO-LUBE[®] MCG 117

CHRISTO-LUBE[®] MCG 117 is a wide temperature range anti-rust grease for use in extreme environments. It is suited for use in systems where non-reactivity with harsh chemicals, strong acids and oxidizers, fuels, solvents, etc. is mandatory and in vacuum systems where pressures may be as low as 10^{-12} Torr. The grease is suitable for the lubrication of ball, plain spherical, roller and needle bearings, electrical contacts, gears, splines, valves, screw actuators, and in systems employing elastomeric and plastic seals, gaskets, and o-rings. Although CHRISTO-LUBE[®] MCG 117 is very inert, newly exposed rubbing surfaces of aluminum and magnesium may react with the grease under certain extreme conditions

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-65 to 250
Flash Point (°C) (ASTM D92)		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.
Specific Gravity (CTM-2)	25°C	1.9