

CHRISTO-LUBE® MCG 111

CHRISTO-LUBE® MCG 111 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 medium consistency fluorinated lubricant is especially useful in lubricating valve and regulator components where non-reactivity with harsh chemicals, fuels and solvents is an important factor. CHRISTO-LUBE® MCG 111 is qualified to MIL-PRF-27617G Types I, II & III and is also registered with NSF as an H-1 lubricant meaning it is acceptable for use in or around food processing equipment.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-60 to 230
Flash Point (°C) (ASTM D92)		None
GREASE CHARACTERISTICS		
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290-310
	Worked	60X 290-310
Oil Separation (ASTM D6184)	24h at 149°C	6.40%
Evaporation (CTM-1)	24h at 149°C	0.09%
Evaporation (CTM-1)	24h at 177°C	0.53%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	1.22%
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	1.36mm
	Dynamic Coefficient of Friction (steel on steel)	0.076
Specific Gravity (CTM-2)	25°C	1.905