



CHRISTO-LUBE[®] MCG 208

CHRISTO-LUBE[®] MCG 208 is a general purpose silicone compound. It is most frequently used as a valve and O-ring lubricant; however, the material's unique dual nature of lubricity and sealing, supports a long list of applications. Applications range from a valve and O-ring lubricant in small, hydraulic piston assemblies to high vacuum sealant in laboratory services.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Silicone
GREASE CHARACTERISTICS			
Thickener			Silica
Color			Translucent
Appearance			Smooth
Penetration (ASTM D217 / DIN 51804-T1)	Worked	60X	200-300
Oil Separation (ASTM D6184)	24h at 200°C		1% max.
Evaporation (CTM-1)	24h at 200°C		2% max.
Water Washout (ASTM D1264)			1.3%
Low Temperature Torque (ASTM D1478)	-54°C	Start	944 gm-cm
		Running	885 gm-cm
Volume Resistivity (ASTM D257)			4.0 x 10 ¹⁴ Ω-cm
Dissipation Factor (ASTM D150)			0.0016
Dielectric Constant (ASTM D150)			2.2 (@ 1Khz)
Dielectric Strength (ASTM D149)	10 mil gap	800 volts/mil	
Specific Gravity (CTM-2)	25°C		1.02-1.06