

## CHRISTO-LUBE® MCG 106

CHRISTO-LUBE® MCG 106 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 soft fluorinated lubricant is especially useful in lubricating bearings, gears, splines and actuators at low temperatures where extremely low torque is an important factor. CHRISTO-LUBE® MCG 106 is formulated with corrosion inhibitors for protection of lubricated parts in long term storage.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
<b>Type</b>		PFPE
<b>Temperature Service Range (°C)</b>		-75 to 150
<b>Flash Point (°C) (ASTM D92)</b>		None
<b>Vapor Pressure (torr) (Knudson)</b>	20°C	$6 \times 10^{-6}$
	100°C	$8 \times 10^{-5}$
	200°C	$5 \times 10^{-4}$
GREASE CHARACTERISTICS		
<b>Thickener</b>		PTFE
<b>Color</b>		White
<b>Appearance</b>		Smooth
<b>NLGI Grade</b>		1.5
<b>Penetration (ASTM D217 / DIN 51804-T1)</b>	Unworked	290-320
	Worked	60X 290-320
<b>Oil Separation (ASTM D6184)</b>	24h at 149°C	10% max.
<b>Evaporation (CTM-1)</b>	24h at 149°C	3% max.
<b>Water Washout (ASTM D1264 / DIN 51807-T2)</b>	60 min at 79°C	1.70%
<b>Four Ball Wear (ASTM D2266 / DIN 51350-T5)</b>	60 min 1200 RPM 75°C 40kg <sub>r</sub>	0.52mm
	Dynamic Coefficient of Friction (steel on steel)	0.04
<b>Specific Gravity (CTM-2)</b>	25°C	1.901

\*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.