



## CHRISTO-LUBE® MCG 116

CHRISTO-LUBE® MCG 116 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 useful in lubricating components found on aircraft and aerospace vehicles where resistance to hydrocarbon fuel and liquid oxygen are important factors. CHRISTO-LUBE® MCG 116 is qualified to MIL-PRF-27617G Type III.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-20 to 230
Flash Point (°C) (ASTM D92)		None
GREASE CHARACTERISTICS		
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		1.5-2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-310
	Worked	60X 265-310
Oil Separation (ASTM D6184)	24h at 149°C	5.93%
Evaporation (CTM-1)	24h at 177°C	0.12%
Evaporation (CTM-1)	24h at 149°C	0.49%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	0%
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg;	1.11mm
	Dynamic Coefficient of Friction (steel on steel)	0.131
Specific Gravity (CTM-2)	25°C	1.958