

## Innovation and Experience at Work

## CHRISTO-LUBE® MCG 114

CHRISTO-LUBE® MCG 114 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 useful in lubricating components found on aircraft and aerospace vehicles where resistance to hydrocarbon fuel and liquid oxygen are important factors. CHRISTO-LUBE® MCG 114 is qualified to MIL-PRF-27617G Type I

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			PFPE
Temperature Service Range (°C)			-40 to 140
Flash Point (°C) (ASTM D92)			None
GREASE CHARACTERISTICS			
Thickener			PTFE
Color			White
Appearance			Smooth
NLGI Grade			1-1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		290-340
	Worked	60X	290-340
Oil Separation (ASTM D6184)	24h at 149°C		8.44%
Evaporation (CTM-1)	24h at 149°C		2.87%
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 <sub>f</sub>		0.631mm
	Dynamic Coefficient of Friction (steel on steel)		0.085
Specific Gravity (CTM-2)	25°C		1.924

**Engineered Custom Lubricants** 

ISO/TS16949:2009 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@ecllube.com • www.ecllube.com

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications. ECLI Products, LLC, owns and does business as Engineered Custom Lubricants and Lubrication Technology.