



CHRISTO-LUBE® MCG 146

CHRISTO-LUBE® MCG 146 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 146 is formulated with corrosion inhibitors for protection of lubricated parts in long term storage and is also registered with NSF as an H-1 lubricant meaning it is acceptable for use in or around food processing equipment. It is designed for use in all food processing operations including mixing, stirring, baking, frying, cooking, freezing, cleansing, packaging, canning and bottling.



This product is registered H1 by the NSF (147196)

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-70 to 150
Flash Point (°C) (ASTM D92)		None
GREASE CHARACTERISTICS		
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	275-295
	Worked 60X	275-295
Oil Separation (ASTM D6184)	24h at 149°C	10% max.
Evaporation (CTM-1)	24h at 149°C	3% max.
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 _f	0.492mm
	Dynamic Coefficient of Friction (steel on steel)	0.094
Specific Gravity (CTM-2)	25°C	1.894

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

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