



A QUAKER HOUGHTON COMPANY

Innovation and Experience at Work

Product Data Sheet

广州孚润 400-992-6811

CHRISTO-LUBE® MCG 111

CHRISTO-LUBE® MCG 111 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 especially useful in lubricating valve and regulator components where non-reactivity with harsh chemicals, fuels and solvents is an important factor. CHRISTO-LUBE® MCG 111 is qualified to MIL-PRF-27617G Types I, II & III 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 (135016)

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		PFPE	
Temperature Service Range (°C)		-60 to 230	
Flash Point (°C) (ASTM D92)		None	
Vapor Pressure (torr) (Knudson)	20°C	5 x 10 ⁻⁶	
	100°C	5 x 10 ⁻⁵	
	200°C	3 x 10 ⁻⁴	
GREASE CHARACTERISTICS			
Thickener		PTFE	
Color		White	
Appearance		Smooth	
NLGI Grade		1.5	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290-310	
	Worked	60X 290-310	
Oil Separation (ASTM D6184)	24h at 149°C	10% max.	
Evaporation (CTM-1)	24h at 149°C	3% max.	
Evaporation (CTM-1)	24h at 177°C	0.53%	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	1.22%	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	1.36mm	
	Dynamic Coefficient of Friction (steel on steel)	0.076	
Specific Gravity (CTM-2)	25°C	1.905	
Low Temperature Torque (ASTM D1478)	-40°C	Start	324 g-cm
		Run 60 min	147 g-cm

*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.

Engineered Custom Lubricants

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

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