

Innovation and Experience at Work

CHRISTO-LUBE® Fluorinated Lubricants

Automotive Applications



Connectors

Keep dirt, dust, water, fuel and caustic gases away from contacts for continuous, long-life performance – and to reduce insertion force for easier mating.

CHRISTO-LUBE® MCG 134 -50°C to 260°C Exceptionally low evaporation, oil separation

and water washout for long-life stability.

CHRISTO-LUBE® MCG 158 -50°C to 225°C All-purpose grease for underhood parts

and connector sealants. Compatible with

plastics and elastomers.

Switches

Ensure metal contacts slide smoothly to prevent wear debris, the typical cause of intermittent and permanent switch failure.

CHRISTO-LUBE® MCG 185 -40°C to 160°C Multifunction, 4WD, headlamp and dimmer

switches. Window-lift and seating systems.

CHRISTO-LUBE® MCG 146 -70°C to 150°C Airbag Clocksprings: Provides a thin

lubricant coating to prevent wear and

reduce noise of ribbon cable.

Electromechanical Sensors

Prevent wear, minimize electrical noise and ensure long operating life by protecting the resistive element with a stay-in-place, self-healing grease.

CHRISTO-LUBE® MCG 111 -60°C to 230°C Seals sensor from fuels, solvents, water,

salt water, dirt and grime. Compatible with

all plastics and elastomers.

CHRISTO-LUBE® MCG 109 -65°C to 250°C Offers excellent self-healing properties for

throttle position, EGR and oil pressure

sensors.









Bearings and Actuators

CHRISTO-LUBE® is ideal for a wide variety of lube-for-life, underhood bearings and actuators that are exposed to temperatures in excess of 150°C.

CHRISTO-LUBE® MCG 136	-50°C to 260°C	Bearings in alternators, idlers, compressors, water pumps, turbo and superchargers, air intake and exhaust actuators.
CHRISTO-LUBE® MCG 1011	-30°C to 230°C	Sintered bearings in cooling fans and starter motors.
CHRISTO-LUBE® MCG 112	-50°C to 260°C	ABS/Traction Control Actuators: Excellent resistance to brake fluid.

Fuel and Chemical Resistance

Automotive fluids can dissolve traditional lubricants. Because PFPEs are inert, their performance is not affected by automotive fluids, chemicals and gasses – ensuring long-life for automotive parts in harsh operating environments.

-20°C to 230°C	Brake Boosters
-40°C to 250°C	Power Steering Pumps
-15°C to 250°C	Shock Absorbers and Struts
-60°C to 230°C	Fuel Level Sensors and Pumps
-20°C to 230°C	Spark Plug Boots
	-40°C to 250°C -15°C to 250°C -60°C to 230°C

Analogs for Chemically Sensitive Plastics & Elastomers

For CHRISTO-LUBE® analogs to other manufacturers' PFPE oils and greases, including UniFlor™, Carbaflo®, Barrierta®, Kluberalfa®, Fomblin®, Braycote®, NyeCorr®, Zarox, Fluor, Triboflon, Endurex®, Noxlub and Fluotribo, please consult ECL for recommendations.



ECLI Products, LLC 3851–3847 Exchange Ave. Aurora, IL 60504 USA Tel. +1-630-449-5000 Fax +1-630-585-0050 **ECL Engineered Custom Lubricants GmbH** Stormsweg 5A, 22085 Hamburg, Germany Tel. +49 40 386660-80 Fax +49 40 386660-81 **www.ecllube.com** *ISO/TS16949:2009 Registered QMS*