



A QUAKER CHEMICAL COMPANY

Innovation and Experience at Work

Lubricants for Cables & Cockpits

**Long life. Wide-temperature.
Smooth, quiet performance.**

Quality benchmarks that give our customers a competitive edge.



Transmission Gear Shifters

A smooth feel and quiet motion are important in every hand operated component.

RheoGel 916	PAO/Lithium	All purpose, very low temperature, plastic compatible grease for most moving parts in the assembly.
TriboGel 968VL	PAO/PTFE Polymer	Polymer fortified for improved feel and reduced noise for plastic or metal parts in the assembly.
UltraSil 1104	Silicone/ PTFE	Ideal for manual shifter ball joints. Very low friction, yet very smooth, slightly damped motion.

Cables

A long cycle life with a wide range of routing patterns makes cable lubrication tricky.

UltraSil 3401	Silicone/ Lithium PTFE	Wide temperature, low friction, long lasting grease for most shifter cable designs.
UltraSil 1104	Silicone/PTFE	Smooth, low friction grease with damping properties for cables up to 2 meters.
UltraSil 1016	Silicone/PTFE	Softer version of UltraSil 1104 for ease of assembly, especially for cables longer than 2 meters.



Plastic Knobs & Levers

The trick in this category is to make a low cost plastic part sound and feel like a high quality expensive part.

TriboGel 410 Series	PAO/Silica	Completely transparent, high viscosity, low bleed greases for plastic parts that have exposed lubricated surfaces.
TriboGel 968 Series	PAO/PTFE	A combination of high viscosity oil and low friction PTFE delivers smooth motion and feel.
TriboGel 206	PAO/Lithium PTFE	Heavy, low temperature damping grease with low oil separation.
UltraSil 1104	Silicone/PTFE	High viscosity grease, no oil separation, for an ultra-smooth damped feel.
Absolube 1204	PFPE/PTFE	Excellent compatibility with sensitive plastic parts, even with high mold stresses.

Electrical Contacts

Consider current, contact force, water resistance and temperature range for all switch and connector terminal contacts.

RheoGel PA2110	PAO/Lithium	Ideal for low current, low contact force, sliding switch contacts with little to no arcing.
RheoGel 1910	PAO/Lithium	Ideal for medium current, medium contact force, sliding switch contacts with some arcing.
RheoGel 1918	PAG/Silica	Ideal for high current, medium contact force, sliding switch contacts with lots of arcing. Burns clean.
Absolube 411A	PFPE/PTFE	Extreme temperature grease for high temperature, high current electrical contacts.
RheoGel 1001	PAO/Silica	Wide temperature, salt water resistant connector terminal contact grease. Reduces fretting corrosion of tin contacts.



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