



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.

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| 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.

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| 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.

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| 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.

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| 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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