

Specialty Lubricants for Braking Systems



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

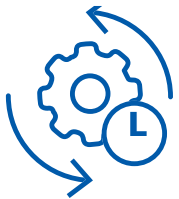


MOVING YOUR WORLD

Specialty Lubrication Solutions for Your Braking System

General purpose automotive lubricants cannot withstand the temperature requirements of braking applications and are not compatible with some materials and fluids used in brake components. At elevated temperatures general purpose automotive lubricants will burn or oxidize, adding debris to the braking components which accelerates wear and creates noise, vibration, and harshness. Our specialty lubricants for braking applications can withstand temperatures up to 200 °C, prevent wear and seizing and are compatible with braking materials including EPDMs.

Lubrication Advantages



**EXTEND
COMPONENT LIFE**



**WIDE TEMPERATURE
PERFORMANCE**

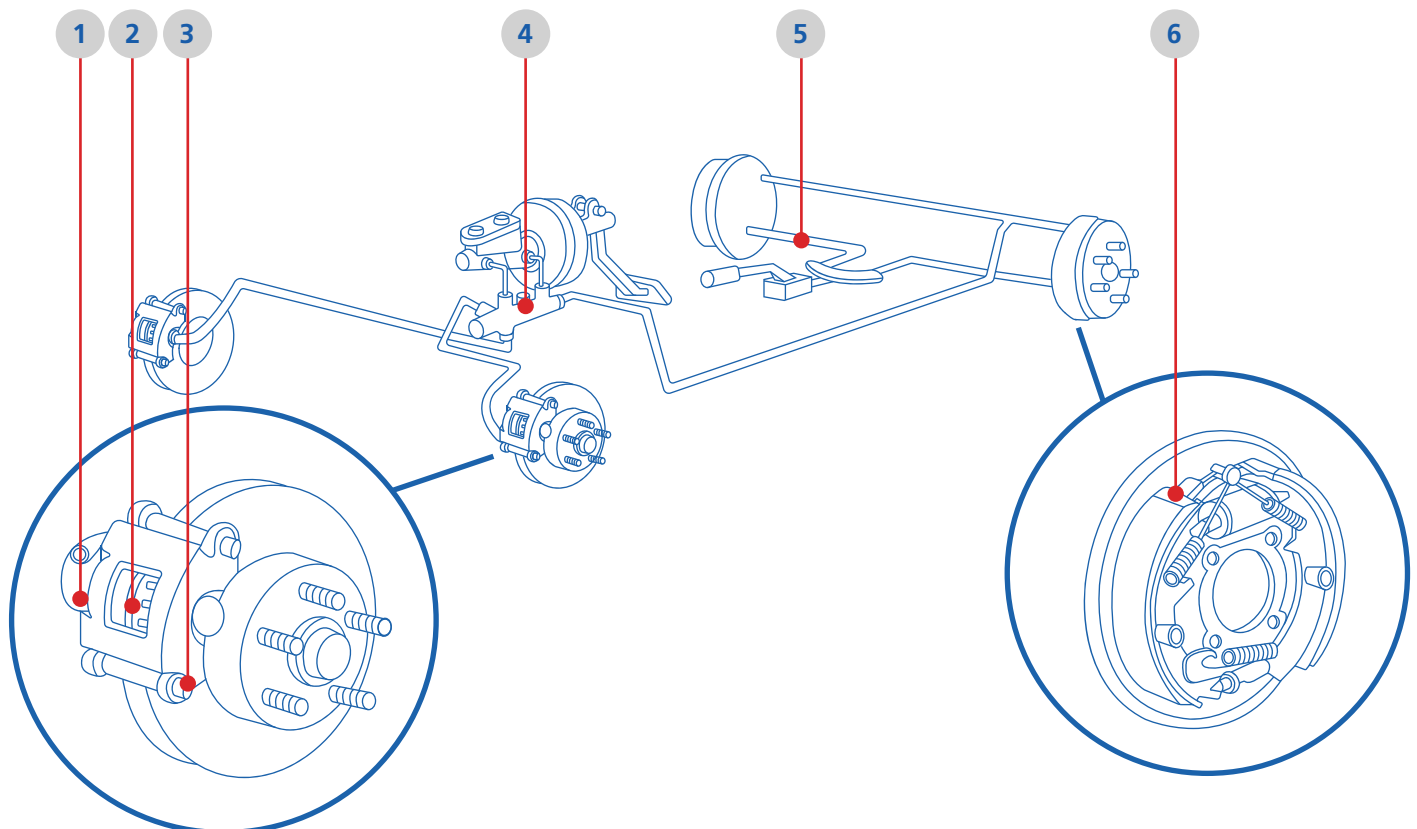


**PREVENT
SEIZING**



**EXCELLENT MATERIAL
COMPATIBILITY**

Application	Product
1. PISTON DUST BOOT	RHEOSIL 500F
2. PARKING BRAKE	RHEOLUBE® 380
3. CALIPER PINS	FLUOROCARBON GEL 880, FLUOROCARBON GEL 990A, RHEOSIL 500F
4. ABS CONTROLLER	UNIFLOR™ 8512R
5. CONTROL CABLES	FLUOROCARBON GEI 880, FLUOROCARBON GEL 990A, RHEOSIL 500F
6. DRUM BRAKE WHEEL CYLINDER AND SHOE CONTACT SURFACES	FLUOROCARBON GEL 880



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Product	Chemistry	Temperature Range	Product Description	Application Notes
RHEOLUBE® 380	PAO-Ester / Lithium Soap	-50 to 130 °C	Medium viscosity, lithium soap, synthetic hydrocarbon grease fortified with PTFE. Intended for bearings, gears and slides that require low friction.	Parking Brake Lead Screw
RHEOSIL 500F	Dimethyl Silicone / Lithium Soap	-40 to 200 °C	Lithium soap thickened, light viscosity, synthetic hydrocarbon grease. Fortified with PTFE, tackifier, rust inhibitor and UV tracer.	Dust Boot Caliper Pin & Slider Boot Seal Control Cable
FLUOROCARBON GEL 880	Dimethyl Silicone/ PTFE	-40 to 200 °C	PTFE thickened, light viscosity, synthetic hydrocarbon grease. Rust inhibited.	Contact Points & Support Plates Caliper Pin & Slider Boot Seal Control Cable
FLUOROCARBON GEL 990A	Dimethyl Silicone/ PTFE	-40 to 200 °C	PTFE thickened, heavy viscosity, synthetic hydrocarbon grease. Fortified with EP and rust inhibiting additives.	Contact Points & Support Plates Control Cable
UNIFLOR™ 8512R	PFPE/PTFE	-50 to 225 °C	Silica thickened, light viscosity, synthetic hydrocarbon grease containing a PTFE additive. Good water resistance and damping qualities.	ABS Controller Bearing



FUCHS Lubricants

Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS engineers will be glad to advise on products for the application in question and also on our full range of lubricants.

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