

## TECHNICAL DATA SHEET

### BRAKE & CALIPER LUBRICANT PART NO. 49590

#### PHYSICAL PROPERTIES

Color .....	Black
Specific Gravity .....	1.2
Temperature Range .....	-65°F to 1600°F
N.L.G.I. ....	1
Drop Point .....	380°F
Flash Point (C.O.C.) .....	500°F
Thickener Type .....	Bentone
Penetration Range .....	270±20
Coefficient of friction (Shell 4 Ball Method) .....	0.08
Particle Size .....	1.5 Mil Maximum (25)



#### DESCRIPTION

*Dynatex® Brake & Caliper Lubricant* is a smooth non-separating, bentone thickened grease, compounded with graphite lubricants and corrosion fighting inhibitors. This high-performance grease and solid additives provide extreme pressure lubricating properties that prevent galling and cold welding, at the same time preventing water wash-out and galvanic pitting from electrolysis of road salt, acid rain or salt water. *Dynatex® Brake & Caliper Lubricant* is non-hardening and has exceptional thermal stability. The particles present are inert and will not evaporate at extreme temperatures, and their heat resistant qualities will prevent carbon fusion and seizure at temps approaching 1600°F. Does not contain lead, molybdenum disulfate or halogen compounds.

#### FEATURES

- Prevents rust and corrosion
- Extends wear and prevents galling
- Allows easy disassembly

#### TYPICAL APPLICATIONS

*Dynatex® Brake & Caliper Lubricant* can be used as a lubricant, sealer, break-in lubricant or tapping compound on plastics as well as metals. Surfaces are best cleaned before application as grit or low quality oil/grease may be present. The reduction in assembly friction increases torque tension by about 20 percent.

Use on:

- Threaded parts
- Bushings
- Gears
- Valve stems
- Backing plate
- Star wheels
- Caliper mounting balls
- Chains, sprockets, levers, hinges, etc.
- And other brake hardware

**NOTE:** This product is flammable and should not be used near sparks, flame or heat sources. It is not recommended for pure oxygen systems.

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Brake & Caliper Lubricant* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

**Non-warranty:** Because the storage, handling and application of the material is beyond Dynatex control, we can accept no liability for the results obtained. Dynatex sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Dynatex will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

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