

DAIKALUB 528D

Brake Anti-Squeal Grease

An NVH solution for Brake Noise and Squeal

Main reasons to use Disk Brake Grease

- > Eliminate the brake noise
- > Increase efficiency of brake system
- > Enhance the fuel efficiency

What is DAIKALUB 528D

DAIKALUB 528D designed specifically to maximize performance in 3 key area

- > Damping
- > De-Coupling
- > Durability.

Additionally it excels in water resistance and no influence on a rubber material

DAIKALUB 528D has been used in most of Japanese Auto maker as a genuine part.

DAIKALUB 528D is widely adopted in many brake manufacturing companies in Japan and the USA

DAIKALUB 528D is one of a few products proven by Japanese Brake and Auto maker as a Disk Brake Anti-Squeal Grease.

Product Data

- Appearance : Black color
- Base oil : High viscosity silicon oil
- Solid lubricant : Graphite
- NLGI : No.1 to No.2

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Comfort

Eliminate the brake noise & squeal

Safety

Increase efficiency of brake system

Economy

Enhance the fuel efficiency



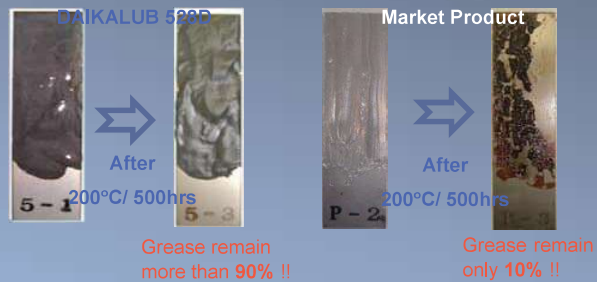
DAIKALUB 528D Performance

Long life Product

To evaluate the grease life, evaporation loss test under 200°C x 500hrs is one of standard test method for Japanese Auto maker. Low evaporation loss can be maintained grease performance.

➡ **Economy !!**

Evaporation Loss Test (Durability Test)



No influence to brake parts

Rubber is used in brake components therefore rubber compatibility of grease is important character because brake grease may attack rubber parts and if attached, which might lead to an accident.

➡ **Safety !!**

Rubber Compatibility Test



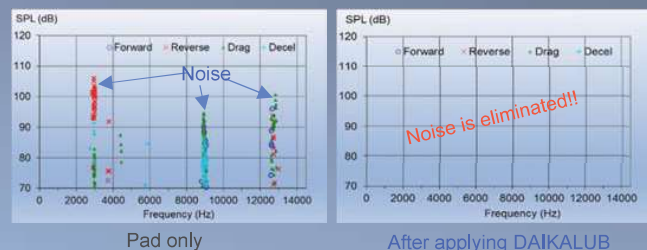
Eliminate brake noise / squeal

“SAE 2521” is a international standard brake noise evaluation test method. This test is evaluated by many different type of braking method and temperature. Right hand side graph shows good effect of DAIKALUB 528D on brake squeal and this result was published by technical paper in USA.

➡ **Comfort !!**

Noise Test

Noise Test Result (SAE2521 Rev.2006)



Damping effect

Resonance between a pad and a caliper is reduced by the damping effect of grease therefore friction vibration between a pad and rotor will not resonate within the caliper hence prevents noise amplification. The material with higher SDC (Specific Damping Capacity) should be better in damping performance

➡ **Comfort !!**

Specific damping Capacity Comparison



DAIKALUB 528D Application

