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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 26736-2011

**Road vehicles -- Brake linings -- Test method for resistance to
water, saline solution, oil and brake fluid**

道路车辆 制动衬片 耐水、盐水、油和制动液性能试验方法

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with the international standard ISO 6314. 1980 "Road vehicles - Brake linings water, brine, oil and manufacturing Fluid dynamic performance test procedures. " Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 1690-2006 vulcanized rubber or thermoplastic rubber of resistance to liquids - Test methods (ISO 1817:2005, MOD)

--- GB/T 5620-2002 Road vehicles and trailer brake Terminology and definitions (ISO 611:1994, IDT)

--- GB 12981-2003 motor vehicle brake fluid (ISO 4925. 1978, MOD)

--- GB/T 22309-2008 Road vehicles - Brake linings disc brake pads and drum brake shoe assembly shear strength test Test methods (ISO 6312:2001, IDT)

--- GB/T 26739-2011 Road vehicles - Brake linings within the material shear strength test method (ISO 6311. 1980, IDT) the standard proposed by China Building Materials Federation.

The standard and non-metallic mineral products by the National Standardization Technical Committee (SAC/TC406) centralized.

Drafted. non-metallic mineral Xianyang Research and Design Institute, Shandong Rong-bang Auto Parts Co., Ltd., Rizhao-Auto Parts Co., East Camp Lutheran Auto Parts Co., Ltd., Fujian good crown Auto Parts Industry Co., Ltd., Shandong Kun Auto Parts Co., Ltd., Xiamen Xingda Lee Friction Materials Co., Ltd., Shaanxi Development Co., Ltd. soul.

Introduction

In many cases, automobile brake linings often dipping rainwater, sea water and salt from the axle and the wheel brake cylinder seal leakage Lubricants and brake fluid and other pollution.

These pollutants can brake linings mechanical strength or physical shape changes, thereby reducing its functionality.

Road vehicles - Brake linings Water, brine, oil and brake fluid performance test method

1 Scope

This standard specifies the test methods in laboratory samples immersed harmful medium within the measuring harmful media on the strength and brake linings Affect the shape of the sample and the results were compared not impregnated.

This standard applies to road vehicles containing organic components with drum brake linings and disc brake pads.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 611 Road vehicles and trailer brake vocabulary
(Roadvehicles-Brakingofautomotivevehiclesand theirtrailers-Vocabulary) ISO 1817
Determination of vulcanized rubber resistant to the effect of liquids (Rubber,
vulcanized-Determinationoftheeffectof liquids) ISO 4925 Road vehicles - Non-petroleum
base brake fluid (Roadvehicles-specificationofnon-petroleumbase brakefluids) Within ISO
6311 Road vehicles - Brake lining material shear strength test procedure
(Roadvehicles-Brakelinings-Internalshearstrengthofliningmaterial-Testprocedure) ISO 6312
Road vehicles - Brake linings disc brake pads and drum brake shoe assembly shear
strength test method (Road
vehicles-Brakelinings-Sheartestprocedurefordiscbrakepadanddrumbrakeshoeassemblies)

3 Terms

The following terms and definitions apply to this document.

Anti-soaking performance resistance Resistance due to contamination or changes in the thickness of the shear strength. A percentage equivalent to the corresponding non-impregnated sample values FIG.

4 Test device

Test device shall be composed of the following equipment.

- a) containing a liquid sample container and submerged;
- b) Ball micrometer to measure the thickness of the sample;
- c) material shear test equipment, such as the ISO 6311 or ISO 6312.