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

GB/T 35163-2017

**Method for measuring relative wet grip performance of truck
and bus tyres**

载重汽车轮胎湿路面相对抓着性能试验方法

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

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

This standard uses the redrafted law, modify the use of ISO 15222:2011 "truck and passenger car tire wet relative grasping performance Test method under the load of a new tire. " this standard Appendix A lists the standard and ISO 15222:2011 subsection number control list.

The technical differences between this standard and ISO 15222:2011 are indicated by vertical single-line (|) marks at the margin of the terms in which they relate.

And Appendix B lists these technical differences and their causes.

For ease of use, this standard also made the following editorial changes.

--- Change the standard name;

--- Removed references.

This standard proposed by the China Petroleum and Chemical Industry Federation.

This standard by the National Tire Standardization Technical Committee (SAC/TC19) centralized.

1 Scope

This standard specifies the method of measuring the relative grasping performance of truck tires when braking on a wet road surface.

This standard test method used with the standard test tire contrast.

This standard applies to the new truck tires.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the

latest edition (including all amendments) applies to this document.

GB/T 6326 Tire Terms and Definitions (GB/T 6326-2014, ISO 4223-1:2002, NEQ) GB 9744 truck tires ASTM E303 Standard Test Method for Measuring Surface Friction Using British Pendulum Test Machine (Standard Test Method Measuring Surface Frictional Properties Using the British Pendulum Tester) ASTM E965 Standard Test Method for Measuring the Depth of Pavement Macrostructures Using Volume Measurement Techniques (Standard Test Method for Measuring Patch Function Protected Depth Using Volume Control Method)

3 Terms and definitions

GB/T 6326 defined and the following terms and definitions apply to this document.

Test tire candidate tire the tire evaluated by the test.

Standard test tire standard reference test tire; SRTT A dedicated set of test tires used as a benchmark in the evaluation system. In order to minimize the variation, these tires are strictly controlled design features are manufactured, controlled and stored according to the relevant standards.

Refer to tire control tire If the test tire and the standard test tire can not be installed on the same vehicle for comparison, the tire is compared with the test tire, and then Standard test tires are compared to indirectly derive the tire from the comparison between the standard test tire and the test tire.

Tires braking force of tire Apply the braking torque generated by the longitudinal force of the tire, in units of N.

Tire braking force coefficient braking force coefficient of tire; BFC Tire braking force and vertical load ratio.