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

GB/T 14646-2025

Replacing GB/T 14646-2007

Retreaded tyres for passenger cars

轿车翻新轮胎

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document replaces GB/T 14646-2007 "Passenger car retread tires". Compared with GB/T 14646-2007, except for structural adjustments and editing In addition to the changes in performance, the main technical changes are as follows.

- Added some provisions for carcass sidewall marking for retreading (see 4.1.2);
- Changed some requirements that should not be applied to retreaded tires (see 4.1.3, 4.1.3 of the 2007 edition);
- Deleted the relevant requirements for retread carcass with perforation damage (see 4.1.4 of the 2007 edition);
- Changed the relevant provisions on the inflation pressure of the carcass for inspection before and after retreading (see 4.2.2 and 4.3.1, 4.2.2 and 4.3.1 of the 2007 edition) 4.3.1);
- Changed the outer edge size requirements after renovation (see 4.5, 4.5 of the 2007 edition);
- Added low pressure test for retreaded tires (see 5.5);
- Changed the relevant provisions on the markings that should be on retreaded tires (see 6.2, 6.2 of the 2007 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Tire and

Rim Standardization (SAC/TC19).

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This document was first issued in 1993, revised for the first time in 2007, and this is the second revision. Passenger car retread tire

1 Scope

This document specifies the technical requirements, test methods and markings for retreaded passenger car tyres.

This document applies to the retreading of pneumatic passenger car tyres.

2 Normative references

GB/T 521

GB/T 2978

GB/T 4502

GB/T 6326

GB 9743

3 Terms and definitions

The terms and definitions defined in GB/T 6326 apply to this document.

4.1 Tire selection

4.1.1 A tyre that has been retreaded should not be retreaded again.

4.1.2 For retreaded tires, the sidewall markings shall include the following.

- Tire specifications;
- Speed symbol (or maximum driving speed);

- Load index (or maximum load capacity or level);
- "CCC" and other certification marks.

4.1.3 Tyres that meet any of the following conditions shall not be used for retreading.

- Production date exceeds 5 years;
- Speed symbol is less than or equal to L (120km/h);
- Obvious damage due to overload or lack of air;
- Carcass rupture or abnormal deformation;
- The tire bead is broken or damaged;
- Obvious corrosion by oil, chemicals or water;
- The tread is polished and the cord is exposed;