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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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GB 518-2007

Replacing GB 518-1997

Motorcycle Tyres

摩托车轮胎

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Foreword

The 4.1~4.3, 4.4.1, 4.5, Chapter 6 in this Standard are mandatory, while the rest are recommended.

The consistence between this Standard and Japanese Industrial Standard JIS K6366: 1998 *Motorcycle Tyres* (Japanese Version) is not equivalent.

This Standard replaced GB 518-1997 *Motorcycle Tyres*.

The major technical differences between this Standard and GB 518-1997 are as follows:

- Cancel the provision that the minimum damage energy index can be reduced by 60% in the following two cases, namely, “bias tyre with skeletal materials to be cotton or rayon corde” and “when the hemispherical indenter reached the rim, and all measuring points were not destroyed, and the measured value didn’t reach the value specified in the Table” (see 4.2.1 of 1997 version);
- Add the assessment indicators for the minimum damage energy against the 8PR tyre (see 4.2.1 of this version);
- Modify the high-speed performance requirements (see 4.2.3 of this version);
- Add the label requirements for the adhesion tyre (see Chapter 6 of this version);
- Cancel the provisions of sampling and inspection rules, package, transportation and storage (see Chapter 5, 7.2 of 1997 version).

This Standard was proposed by China Petroleum and Chemical Industry Federation.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Tyres and Rims (SAC/TC 19).

This Standard entrusts National Technical Subcommittee for Standardization of Motorcycle and Cycle Tyres and Rims for explanation.

Drafting organizations of this Standard: Guangzhou No.1 Rubber Factory, Cheng Shin Rubber(Xiamen) Ind., Ltd., and Guangzhou Rubber Industrial Product Research Institute.

Chief drafting staffs of this Standard: Chen Qiufa, Li Yinhua, Xiao Chuhua, Hang Huiwen, Li Ling, and Wang Huimin.

The historical editions replaced by this Standard are as follows:

- GB 518-1965, GB 518-1974, GB 518-1991, and GB 518-1997.

Motorcycle Tyres

1 Scope

This Standard specifies the terms and definitions, requirements, test methods, and marks of the motorcycle tyres.

This Standard applies to the new motorcycle pneumatic tyres.

2 Normative References

The following documents contain the provisions which, through reference in this Standard, become the provisions of this Standard. For dated references, their subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard. However, the parties who enter into agreement based on this Standard are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this Standard.

GB/T 521 Test Method of Measuring Peripheral Dimensions for Tyres

GB/T 2983 Series of Motorcycle Tyres

GB/T 6326 Tyre Terms and Definitions (GB/T 6326-2005, ISO 4223-1:2002, NEQ)

GB 7036.2 Inner Tube of Pneumatic Tyres - Part 2: Inner Tube of Motorcycle Tyres

GB/T 13203 Strength Test for Motorcycle Tyres

GB/T 13204 Test Method of High Speed Performance for Motorcycle Tyres - Drum Method (GB/T 13204-2002, ISO 10231:1997, Motorcycle Tyres – Test Methods for Verifying Tyre Capabilities, MOD)

GB/T 13205 Endurance Test for Motorcycle Tyres – Drum Method

HG/T 2177 Appearance Quality of Tyres

3 Terms and Definitions

The terms and definitions stipulated in GB/T 6326 applies to this Standard.

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