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

GB/T 498-2014

Replacing GB/T 498-1987

**Petroleum products and lubricants -- Method of classification --
Definition of classes**

石油产品及润滑剂 分类方法和类别的确定

(English Translation)

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Foreword

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

This standard replaces GB/T 498-1987 "total packet petroleum products and lubricants", compared with the GB/T 498-1987 Technical change of the following.

--- Remove petroleum products for the general classification in Class C-focus (see Chapter 2 of the 1987 edition);

--- Increase the "scope" and "Normative References" section (see Chapters 1 and 2);

--- Remove Appendix A.

This standard uses redrafted law revision using ISO 8681. 1986 "Petroleum products and lubricants category classification and determination." this standard and ISO 8681. 1986 as compared to, technical differences are as follows.

--- According to China's situation, with the adoption of international standards equivalent to our standard GB/T 7631.1 instead of ISO 6743-99 (see Chapter 2);

--- According to China's situation, with the adoption of international standards equivalent to our standard GB/T 12692.1 instead of ISO 8216-99 (see Chapter 2).

This standard by the National Standardization Technical Committee on products and lubricant oil (SAC/TC280) proposed.

This standard by the National Standardization Technical Committee of petroleum products lubricants oil and lubricants and fuels Technical Committee (SAC/TC280/SC1) centralized.

This standard was drafted. China Petroleum & Chemical Corporation Research Institute of Petroleum.

1 Scope

This standard established a common classification system for petroleum products, lubricants and related products.

This standard defines the types and names of petroleum products, lubricants and related products.

Guidelines for the classification system applies to all types of products, involving various types of products will be specified in the relevant classification standards.

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.

GB/T 7631.1 Lubricants, industrial oils and related products (L class) classification - Part 1. Generic Packet (GB/T 7631.1-2008, ISO 6743-99:2002, IDT) GB/T 12692.1 Petroleum products - Fuels (F category) classification - Part 1. General (GB/T 12692.1-2010, ISO 8216-99:2002, IDT)

3 Total classification system and symbols used in description

3.1

possible, choose "Applications" this guideline to develop a classification of the guidelines adopted by the majority of the lubricant (see GB/T 7631.1).

In some cases this may not be using the guidelines. In this case, according to the type of product classification, according to the type of fuel Firstly, it Once considered the final application (see GB/T 12692.1).

3.2

Principles of classification is determined based on a characteristic prefix letter main categories of petroleum products English title.

In this classification system the product is named in a uniform manner, the whole name of the product is composed as follows.

--- The first word of ISO .

--- Petroleum products or related product categories with a letter (see Table 1), the prefix letters and other symbols should the dash "-" Apart.

--- Species, by a group of English letters (1 to 4) the composition, which first letter is always represented groups, with no letters behind alone There may be the presence or absence of meaning, but they will be given definitions. In all cases, it should be about group or breed detailed taxonomy Give clearly defined.

--- Number in the name of the final product, its meaning should be specified in the relevant standard.

The general form of the product code is as follows.

ISO - class - Variety - Digital or simple formula.

Class - Variety - Digital

3.3

Products Examples.

example 1.