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

**GB/T 7631.18-2017**

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**Lubricants, industrial oils and related products (class L) --  
Classification -- Part 18: Family Y (Miscellaneous)**

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### Foreword

GB/T 7631 "Lubricants, industrial oils and related products (L) classification" is currently divided into the following 18 sections.

- Part 1. The total group;
- Part 2. H group (hydraulic system);
- Part 4. Group F (spindles, bearings and related clutches);
- Part 5. Group M (metalworking);
- Part 6. R group (temporary protection against corrosion);
- Part 7. Group C (gear);
- Part 8. Group X (grease);
- Part 9. Group D (compressor);
- Part 10. T group (turbine);
- Part 11. Group G (rails);
- Part 12. Q group (organic heat carrier);
- Part 13. Group A (total loss system);
- Part 14. U (heat treatment);
- Part 15. N group (insulating liquid);
- Part 16. P (pneumatic tools);
- Part 17. Group E (internal combustion engine oil);

--- Part 18. Group Y (other applications).

This section GB/T 7631 Part 18.

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

This section uses the redrafted law revision using ISO 6743-10.1989 "Lubricants, industrial oils and related products (L category) classification

Part 10. Group Y (Other Applications) ".

This section compared with ISO 6743-10.1989 technical differences and the reasons are as follows.

--- On normative references, this standard made a technical difference with the adjustment to adapt to China's technical conditions, adjust the situation

Concentration reflected in the second chapter "Normative references", the specific adjustments are as follows.

\* Equivalent to the international standard GB/T 3141 instead of ISO 3448;

\* Equivalent to the international standard GB/T 7631.1 instead of ISO 6743-0.

This section also made the following editorial changes.

--- In accordance with our standard scope of the preparation of the format to delete the scope of "all the lubricants listed are L (lubricants, industrial oil

And related products). "content.

This standard by the National Petroleum Products and Lubricants Standardization Technical Committee (SAC/TC280) and focal point.

This part of the drafting unit. China Petroleum and Chemical Corporation Petrochemical Research Institute.

## 1 Scope

GB/T 7631 provisions of this part of a special purpose, a relatively small number of products, a detailed classification of lubricants.

This section applies to GB/T 7631 not included in other parts, are L (lubricant, industrial oil and related products)

Lubricant products.

Use this section need to be associated with GB/T 7631.1 understanding.

## 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 3141 Industrial Liquid Lubricants ISO viscosity classification (GB/T 3141-1994, eqvISO 3448.1992)

GB/T 7631.1 Lubricants, industrial oils and related products (L class) classification - Part 1. The total group (GB/T 7631.1-

2008, ISO 6743-99.2002, IDT)

Note. ISO 6743-99 replaces ISO 6743-0.

### **3 the symbol used**

3.1 The detailed classification of group Y is based on the type of product required for the main application of the group.

**3.2 Each product is represented by a group of letters. These symbols together form a code name.**

Note. The first letter (Y) of each product group indicates the group of products, other lubricants. Subsequent letters alone have no meaning.

The naming of each product can be attached according to GB/T 3141 provisions of the viscosity grade.

3.3 In this classification system, products are named in a uniform form. For example, a particular product can be represented in its entirety as ISO -

L-YEB, or L-YEB in simplified form.

### **4 detailed classification**

Y group detailed classification in Table 1.