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

GB 253-2008

Replacing GB 253-1989

**Kerosene
(English Translation)**

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Foreword

Chapter 4 of this standard is mandatory, the rest are recommended.

The standard American Society for Testing and Materials ASTM D3699-05 "kerosene standards" (in English) the consistency of non-equivalent.

This standard ASTM D3699-05 main differences.

--- Color is divided into two files, No. 1 kerosene color is not less than a predetermined number +25, 2 kerosene chroma technical requirements of ASTM

D3699-05 not less than +16;

--- Increased mechanical impurities and water, water-soluble acid or alkali, the density indicators;

--- Flammability and smoke point allows the use of substitute 16h 8h test test;

--- No. 2 kerosene sulfur content of not more than by the technical requirements of 0.30% (mass fraction) to not more than 0.10% (mass fraction);

--- Copper Corrosion by the technical requirements of not more than three, to no more than Grade 1;

--- Canceled distillation range of simulated distillation test items.

This standard replaces GB 253-1989 "kerosene." The main changes in this standard with the GB 253-1989.

--- Grades original standard superior grade, first grade and qualified, to No. 1 and No. 2 standard;

--- Chrominance index the original standard grade product, first grade and qualified products are not less than + 25, + 19, + 13, instead of the standard

No. 1 is not less than the number +25, 2 not less than +16;

- Mercaptan sulfur, flash point, kinematic viscosity, copper corrosion, flammability, smoke point and other indicators have been revised accordingly;
- Increasing the sulfur content of the test method, a clear arbitration;
- Increasing the freezing point, density test method, a clear arbitration;
- Copper etching time from 2h to 3h;
- Cancel the cloud point indicator and test methods.

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

The standard by the China Petroleum and Chemical Corporation.

This standard was drafted. China Petroleum and Chemical Corporation Maoming Branch.

1 Scope

This standard specifies the crude oil or distillate obtained through different processing kerosene classification and marking, requirements and test methods, inspection regulations Then, signs, packaging, transport and storage.

This standard belongs lighting lighting products are mainly used various burner kerosene, solvents and detergents.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent

Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research

Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 259 Petroleum products - Determination of water-soluble acid and alkali

GB/T 260 Petroleum products - Determination of water content

GB/T 261 Petroleum products - Determination of flash point (closed cup) (GB/T 261-1983, neq ISO 2719. 1973)

GB/T 265 Petroleum products - Determination of kinematic viscosity and calculation of dynamic viscosity

GB/T 380 Petroleum products - Determination of sulfur content (lamp method)

GB/T 382 Determination of the smoke point of kerosene

GB/T 511 Petroleum products and additives - Determination of mechanical impurities (gravimetric method)

GB/T 1792 mercaptan sulfur distillate fuel assay (potentiometric titration)

GB/T 1884 crude oil and liquid petroleum products - Laboratory determination of density (density meter method) (GB/T 1884-2000, eqv ISO

3675.1998)

GB/T 1885 Petroleum Measurement Tables (GB/T 1885-1998, eqv ISO 91-2.1991)

GB/T 2430 Determination of the freezing point of jet fuel (GB/T 2430-1981, eqv ISO 3013. 1974)

GB/T 3555 Petroleum products - Determination of Saybolt color (Saybolt colorimeter method)

GB/T 4756 petroleum liquids hand sampling method (GB/T 4756-1998, eqv ISO 3170. 1988)

GB/T 5096 petroleum products copper corrosion test

GB/T 6536 Petroleum products - Determination of distillation

GB/T 11130 kerosene combustion assays

GB/T 11140 Petroleum products - Determination of sulfur (X-ray spectroscopy)

GB/T 17040 Petroleum products - Determination of sulfur (energy dispersive X-ray fluorescence spectrometry)

SH0164 petroleum products, packaging, storage and delivery acceptance rules

SH/T 0178 Kerosene combustion assays (lighting method)

SH/T 0253 light petroleum products - Determination of total sulfur (power law)

SH/T 0604 crude oil and petroleum products densitometry (U-shaped vibrating tube method) (SH/T 0604-2000, eqv ISO 12185.

1996)

SH/T 0689 and light hydrocarbon fuel and other oil products - Determination of total sulfur (UV fluorescence)

SH/T 0770 Determination of the freezing point of aviation fuels (automatic phase inversion)

3.1 Categories

This standard products according to your purpose and sulfur content, divided into No. 1 and No. 2 kerosene kerosene two grades.

END: Draft Version (GB 253-2008)

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