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Boiled oil and boiled linseed oil

ICS 87.060.30

Descriptors : drying oils, paint extenders, linseed oil, film-forming capacity

Reference number : JIS K 5421 : 2000 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS K 5421 : 1983** is replaced with **JIS K 5421 : 2000**.

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Boiled oil and boiled linseed oil

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 150** *Raw, refined and boiled linseed oil for paints and varnishes—Specifications and methods of test* published in 1980. The items, which are not specified in the corresponding International Standard, (viscosity, appearance of coating film, accelerated yellowness, iodine value and iodine chloride test in quality; reference sample; viscosity, appearance of coating film, accelerated yellowness, iodine value and iodine chloride test in testing methods; marking) have been added as the Japanese Industrial Standard. A part of scope in the corresponding International Standard (raw linseed oil and refined linseed oil) has not been adopted.

Portions underlined with dots in this Standard are the matters not included in the corresponding International Standard.

1 Scope This Standard specifies the quality of boiled oil and boiled linseed oil and the testing methods.

Remarks 1 The boiled oil is a liquid, transparent, oxidation drying fatty oil to be used for the purpose of increasing film forming agents, by mixing with ready mixed paint and oily coating, and of which drying performance has been intensified by processing one kind or more of drying oil and adding some dryer in it and so forth.

2 The boiled linseed oil is the oil obtained by processing raw linseed oil.

3 The International Standard corresponding to this Standard is as follows.

ISO 150 *Raw, refined and boiled linseed oil for paints and varnishes—Specifications and methods of test*

4 For the purposes of this Standard, the definitions given in **JIS K 5500** apply.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter are not applied. The normative references without the indication of the year of coming into effect apply limiting only to the most recent edition (including amendments).

JIS G 3141 *Cold-reduced carbon steel sheets and strip*

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS K 5102 *Zinc oxide (pigment)*

JIS K 5600-1-1 *Testing methods for paints—Part 1 : General rule—Section 1 : General test methods (conditions and methods)*

JIS K 5600-1-2 *Testing methods for paints—Part 1 : General rule—Section 2 : Sampling of products*

Remarks : **ISO 1512** : 1991 *Paints and varnishes—Sampling of products in liquid or paste form* is identical with the said standard.