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Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid

ICS 23.100.60; 43.040.40

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D 2609: 2002

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Society of Automotive Engineers of Japan, Inc. (JSAE)/the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS D 2609**: 1993 is replaced with this Standard.

For the revision at this time, in order to conform this Japanese Industrial Standard to International Standards ISO 6119: 1980 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max.) and ISO 4930: 1978 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 150 °C max.) have been used as the basis.

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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Introduction This Japanese Industrial Standard has been prepared based on ISO 6119 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max.) published in 1980 and ISO 4930 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 150 °C max.) published in 1978, with modifying some parts.

Portions sidelined or underlined with dots are the matters which are altered or added to the original International Standards.

1 Scope This Standard specifies the elastomeric seals (hereafter referred to as "seals") of hydraulic disc brake cylinder using a non-petroleum base hydraulic brake fluid for road vehicles.

Remarks: The International Standards corresponding to this Standard are as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

ISO 6119: 1980 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max.) (MOD)

ISO 4930: 1978 Road vehicles—Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (service temperature 150 °C max.) (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS G 3141 Cold-reduced carbon steel sheets and strip

JIS G 3303 Template and blackplate

JIS G 5501 Grey iron castings

JIS H 2201 Zinc alloy ingots for die casting

JIS H 3100 Copper and copper alloy sheets, plates and strips

JIS H 4000 Aluminium and aluminium alloy sheets and plates, strips and coiled sheets

JIS K 2228 Rubber lubricant of non-petroleum base for motor vehicle brake systems