

JAPANESE INDUSTRIAL STANDARD

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JIS D 2605: 2005

(JAPIA/JSA)

Automotive parts—Rubber cups for hydraulic braking cylinders using a non-petroleum base hydraulic brake fluid

ICS 43.040.40; 83.140.50

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D 2605: 2005

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 Japan Auto Parts Industries Association (JAPIA)/ 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 2605:1998 is replaced with this Standard.

This revision has been made based on ISO 4928:1980 Road vehicles— Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max.) and ISO 6118:1980 Road vehicles—Elastomeric cups and seals for hydraulic brake actuating cylinders using a non-petroleum base hydraulic brake fluid (service temperature 70 degrees C max.) for the purpose of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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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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Automotive parts—Rubber cups for hydraulic braking cylinders using a non-petroleum base hydraulic brake fluid

JIS D 2605: 2005

Introduction This Japanese Industrial Standard has been prepared based on the first editions of ISO 4928 Road vehicles—Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max.) and ISO 6118 Road vehicles—Elastomeric cups and seals for hydraulic brake actuating cylinders using a non-petroleum base hydraulic brake fluid (service temperature 70 degrees C max.) published in 1980 with some modification of the technical contents and the items not specified in the corresponding International Standards are complementarily provided (addition of Class 3 in the classification, etc.) as a part of Japanese Industrial Standard.

The portions givens sidelines or dotted underlines are the matters modified from the original International Standards.

A list of modifications with explanations is given in Annex 1 (informative).

1 Scope This Standard specifies moulded rubber cups and seals for master and wheel cylinders for automotive hydraulic brake systems using a non-petroleum-base brake fluid (hereafter referred to as "cup").

Remarks: The International Standard corresponding to this Standard are follows:

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

ISO 4928: 1980 Road vehicles—Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (service temperature 120 degrees C max) (MOD)

ISO 6118: 1980 Road vehicles—Elastomeric cups and seals for hydraulic brake actuating cylinders using a non-petroleum base hydraulic fluid (service temperature 70 degrees C max.) (MOD)

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

JIS B 7502 Micrometer callipers

JIS D 2603 Automotive parts—Hydraulic brake master cylinders for hydraulic brake systems using a non-petroleum base hydraulic brake fluid