

Australian Standard™

**Internal combustion engines—  
Vocabulary of components and systems**

**Part 6: Lubricating systems**

[ISO title: Reciprocating internal combustion engines—Vocabulary of components and systems, Part 6: Lubricating systems]

This Australian Standard was prepared by Committee ME/20, Internal Combustion Engines. It was approved on behalf of the Council of Standards Australia on 30 June 1999 and published on 5 August 1999.

---

The following interests are represented on Committee ME/20:

Australian Automobile Association  
Australian Automotive Aftermarket Association  
Australian Industry Group  
Australian Institute of Petroleum  
Construction & Mining Equipment Association of Australia  
Electricity Supply Association of Australia  
Environment Australia  
Environment Protection Authority, N.S.W.  
Federation of Automotive Products Manufacturers  
Institution of Engineers Australia  
University of Melbourne  
Victoria Automobile Chamber of Commerce

---

**Review of Australian Standards.** To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

---

*This Standard was issued in draft form for comment as DR 99123.*

Australian Standard™

**Internal combustion engines—  
Vocabulary of components and systems**

**Part 6: Lubricating systems**

First published as AS 4591.6—1999.

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/20, Internal Combustion Engines. It is identical with and has been reproduced from ISO 7967-6:1992, *Reciprocating internal combustion engines—Vocabulary of components and systems*, Part 6: *Lubricating systems*.

This Standard is the result of a consensus among the representatives on the Joint Committee to produce it as an Australian Standard.

The Standards in the series are as follows:

## AS

4591	Internal combustion engines—Vocabulary of components and systems
4591.1	Part 1: Structure and external covers
4591.2	Part 2: Main running gear
4591.3	Part 3: Valves, camshaft drive and actuating mechanisms
4591.4	Part 4: Pressure charging and air/exhaust gas ducting systems
4591.5	Part 5: Cooling systems
4591.6	Part 6: Lubricating systems (this Standard)
4591.7	Part 7: Governing systems
4591.8	Part 8: Starting systems
4591.9	Part 9: Control and monitoring systems

As this Standard is reproduced from an International Standard the following applies:

- (a) *Terminology*
- (i) The words ‘this Australian Standard’ should replace the words ‘this part of ISO 7967’ whenever they appear.
  - (ii) The words ‘internal combustion engines’ should replace the words ‘reciprocating internal combustion engines’ whenever they appear.
- (b) *Decimal comma* The decimal point should replace the decimal comma whenever it appears.
- (c) *Cross-reference* The reference to International Standards should be replaced by references to Australian Standards as follows:

<i>Reference to International Standard</i>	<i>Australia Standard</i>
ISO	AS
2710	—
Reciprocating internal combustion engines—Vocabulary	

## © Copyright – STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

## AUSTRALIAN STANDARD

**Internal combustion engines—Vocabulary of components and systems****Part 6:  
Lubricating systems****1 Scope**

ISO 7967 establishes a vocabulary, in English, French and Russian, for components and systems of reciprocating internal combustion engines. This part of ISO 7967 defines terms relating to lubricating systems.

ISO 2710 gives a classification of reciprocating internal combustion engines and defines basic terms of such engines, their working and characteristics.

**Domaine d'application**

L'ISO 7967 établit un vocabulaire, en anglais, français et russe, des termes relatifs aux composants et aux systèmes des moteurs alternatifs à combustion interne. La présente partie de l'ISO 7967 définit les termes relatifs aux systèmes de lubrification.

L'ISO 2710 donne une classification des moteurs alternatifs à combustion interne et les définitions des termes de base relatifs à ces moteurs et à leur fonctionnement et leurs caractéristiques.

**Область применения**

ИСО 7967 устанавливает словарь терминов, на английском, французском и русском языках, по компонентам и системам поршневых двигателей внутреннего сгорания. Настоящая часть ИСО 7967 определяет термины, относящиеся к системам смазки.

ИСО 2710 дает классификацию поршневых двигателей внутреннего сгорания и определяет основные термины, относящиеся к этим двигателям, а также к их работе и их характеристикам.

**2 Normative reference**

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 7967. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 7967 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2710 : 1978, *Reciprocating internal combustion engines — Vocabulary.*

**Référence normative**

La norme suivante contient des dispositions qui, par suite de la référence qui en est faite, constituent des dispositions valables pour la présente partie de l'ISO 7967. Au moment de la publication, l'édition indiquée était en vigueur. Toute norme est sujette à révision et les parties prenantes des accords fondés sur la présente partie de l'ISO 7967 sont invitées à rechercher la possibilité d'appliquer l'édition la plus récente de la norme indiquée ci-après. Les membres de la CEI et de l'ISO possèdent le registre des Normes internationales en vigueur à un moment donné.

ISO 2710 : 1978, *Moteurs alternatifs à combustion interne — Vocabulaire.*

**Нормативная ссылка**

Приведенный ниже стандарт включает положения, на которые делается ссылка в тексте и которые становятся основополагающими для данной части ИСО 7967. На момент публикации указанное издание являлось действующим. Любой стандарт подвергается пересмотру, а сторонам, принимающим решения по пересмотру данной части ИСО 7967, предлагается изыскать возможность применения последней редакции стандарта, приведенного ниже. Члены МЭК и ИСО имеют списки действующих на данное время международных стандартов.

ИСО 2710 : 1978, *Поршневые двигатели внутреннего сгорания — Словарь.*