

Testing corrosion inhibiting, engine coolant concentrate ("antifreeze") —

Part 2: Methods of test for corrosion inhibition performance —

Section 2.6 Test for corrosion of cast aluminium alloys under heat-transfer conditions

NOTE It is recommended that this Section be read in conjunction with the information given in the "General introduction" published separately as BS 5117-0.

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Chemicals Standards Policy Committee (CIC/-) to Technical Committee CIC/7, upon which the following bodies were represented:

- BCIRA
- British Chemical Distributors and Traders' Association Limited
- British Railways Board
- British Telecommunications plc
- Chemical Industries' Association
- Consumer Policy Committee of BSI
- Department of Trade and Industry (National Physical Laboratory)
- Institute of Petroleum
- Ministry of Defence
- Royal Automobile Club
- Society of Motor Manufacturers and Traders Limited

This British Standard, having been prepared under the direction of the Chemicals Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 1 May 1992

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The following BSI references relate to the work on this standard:
Committee reference CIC/7
Draft for comment 91/50973 DC

ISBN 0 580 20760 9

Amendments issued since publication

Amd. No.	Date	Comments

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Foreword

This Section of BS 5117 has been prepared under the direction of the Chemicals Standards Policy Committee. It is based upon ASTM D 4340-89 "*Test method for corrosion of cast aluminium alloys in engine coolants under heat-transfer conditions*"¹⁾, published by the American Society for Testing and Materials.

Modifications to the ASTM standard have been made, particularly with respect to cleaning of the test specimen and the interpretation of results.

It is envisaged that BS 6580 will be revised to refer to this Section of BS 5117 as well as other Sections of BS 5117, each of which contains a test method to be used in determining compliance with BS 6580.

This Section describes a method of test only and should not be used or quoted as a specification defining limits of performance. Reference to this Section should indicate that the method of test used is in accordance with BS 5117-2.6.

At the time of publication of this British Standard, no corresponding International Standard exists.

WARNING. This Section of BS 5117 describes a method that involves the use of hazardous materials, equipment and operations. This method should be carried out only by appropriately qualified personnel and attention is drawn to the relevant Health and Safety provisions.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ Copies may be obtained from the ASTM European Office, 27-29 Knoll Piece, Wilbury Way, Hitchin, Herts, SG4 0SX, England.