
Draft Jamaican Standard

Method of Test

for

Boiling point of engine coolants



BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD: 3 December 2023 to 1 January 2024

Draft Jamaican Standard

IMPORTANT NOTICE

Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica
6 Winchester Road
P.O. Box 113
Kingston 10
Jamaica W.I.

-----([cut along the line])-----

DJS ASTM D1120: 2023

NAME OR DESIGNATION.....

ADDRESS.....

JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter.
- JBS certification is provided in the interest of maintaining agreed-upon standard requirements. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS does not assume or undertake to discharge any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of JBS Certification Mark Programme may be obtained from the Jamaica Bureau of Standards, 6 Winchester Road, Kingston 10.

CERTIFICATION MARKS



Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce (CAP) Mark



Jamaica-Made Mark

Draft Jamaican Standard
Method of Test
for
Boiling point of engine coolants

Bureau of Standards
Jamaica 6 Winchester Road
P.O. Box 113
Kingston 10
Jamaica, W. I.
Tel: (876) 926 -3140-5, (876) 632-4275 or (876) 618-1534
Fax: (876) 929 -4736
Website: www.bsj.org.jm
E-mail: info@bsj.org.jm

Month 2023

©202X Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning without permission in writing.

ISBN XXX-XXX-XXX-X

Declared by the Bureau of Standards Jamaica to be a standard method of test pursuant to section 7 of the Standards Act 1969.

First published Month 202X

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ASTM D1120: 2023.

Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

The attention of those using this standard method of test is called to the necessity of complying with any relevant legislation.

Amendments

No.	Date of Issue	Remarks	Entered by and date

Contents	Pages
National Foreword.....	iv
Acknowledgement.....	iv
1. Scope.....	1
2. Reference Documents.....	1
3. Summary of Test Method.....	1
4. Apparatus.....	1
5. Sample.....	3
6. Preparation of Apparatus.....	3
7. Procedure.....	3
8. Calculation.....	3
9. Report.....	4
10. Precision and Bias.....	4
11. Keywords.....	4

Draft Jamaican Standard

National Foreword

This standard is an adoption and is identical to ASTM D1120: 2022 Standard method of test for Boiling point of engine coolants published by [American Society for Testing Materials \(ASTM\) International](#).

Scope of the Standard

1.1 This test method covers the determination of the equilibrium boiling point of engine coolants. The equilibrium boiling point indicates the temperature at which the sample will start to boil in a cooling system under equilibrium conditions at atmospheric pressure.

Note 1—Engine coolants may also be marketed in a ready-to-use form (prediluted). This test procedure is applicable to diluted solutions as well as to concentrates.

Note 2—The procedure for obtaining a representative test sample of a coolant solution that contains an antileak additive is found in Practice [D1176](#).

1.2 The values stated in SI units are to be regarded as standard. The values given in parentheses after SI units are provided for information only and are not considered standard.

1.3 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

1.4 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex – gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex – gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

Acknowledgement

Acknowledgement is made to [American Society for Testing Materials \(ASTM\) International](#) for permission to adopt ASTM D1120: 2022.