



**BSI Standards Publication**

## **Petroleum products — Gum content of fuels — Jet evaporation method**

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## National foreword

This British Standard is the UK implementation of EN ISO 6246:2017+A1:2019. It is dual numbered as BS 2000-131:2017+A1:2019. It is identical to ISO 6246:2017, incorporating amendment 1:2019. It supersedes [BS EN ISO 6246:2017](#) (dual numbered as BS 2000-131:2017), which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee PTI/13, Petroleum Testing and Terminology.

A list of organizations represented on this committee can be obtained on request to its secretary.

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### BS 2000 Series

Energy Institute, under the brand of IP, publishes and sells all Parts of BS 2000, and all BS EN and BS ISO petroleum test methods that would be part of BS 2000, both in its annual publication "IP Standard Test Methods for analysis and testing of petroleum and related products, and British Standard 2000 Parts" and individually.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2017.

### Amendments/corrigenda issued since publication

| Date             | Text affected                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------|
| 30 November 2019 | Implementation of amendment 1:2019 to ISO 6246:2017 (still dual numbered as BS 2000-131:2017) with CEN endorsement A1:2019 |

English Version

Petroleum products – Gum content of fuels – Jet  
evaporation method (ISO 6246:2017)

Produits pétroliers – Teneur en  
gommes des carburants – Méthode  
d'évaporation au jet (ISO 6246:2017)

Mineralölerzeugnisse – Abdampfrückstand von  
Kraftstoffen – Aufblaseverfahren (ISO 6246:2017)

This European Standard was approved by CEN on 9 February 2017.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN ISO 6246:2017) has been prepared by Technical Committee ISO/TC 28 "Petroleum and related products, fuels and lubricants from natural or synthetic sources" in collaboration with Technical Committee CEN/TC 19 "Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2017, and conflicting national standards shall be withdrawn at the latest by October 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 6246:1997.

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### Endorsement notice

The text of ISO 6246:2017 has been approved by CEN as EN ISO 6246:2017 without any modification.

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## Foreword to amendment A1

This document (EN ISO 6246:2017/A1:2019) has been prepared by Technical Committee ISO/TC 28 "Petroleum and related products, fuels and lubricants from natural or synthetic sources" in collaboration with Technical Committee CEN/TC 19 "Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin." the secretariat of which is held by NEN.

This Amendment to the European Standard EN ISO 6246:2017 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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### Endorsement notice

The text of ISO 6246:2017/Amd 1:2019 has been approved by CEN as EN ISO 6246:2017/A1:2019 without any modification.

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by ISO/TC 28, *Petroleum products and related products of synthetic or biological origin*.

This third edition cancels and replaces the second edition ([ISO 6246:1995](#)), which has been technically revised and aligned with ASTM D381[1].

It also incorporates the Technical Corrigendum [ISO 6246:1995/Cor 1:1998](#).

The changes incorporate modern methods for temperature measurement and clarification of various measurement limits. Some process steps on the rounding of results are added. The precision in the former edition was based on very old data using samples that did not contain components found in modern gasoline, such as oxygenated compounds and deposit control additives. New precision estimates from a 1997 joint ASTM/EI study[3] are included. Unwashed and washed gum results for non-aviation fuels can now be expressed to the nearest 0,5 mg/100 ml. This study and additional work in ASTM[4] and CEN in 2014[5] have led to broadening of the scope to modern gasoline (blends).