



BSI Standards Publication

Classification of insulating liquids

National foreword

This British Standard is the UK implementation of EN IEC 61039:2025. It is identical to IEC 61039:2025. It supersedes BS EN 61039:2008, which will be withdrawn on 30 April 2028.

The UK participation in its preparation was entrusted to Technical Committee GEL/10, Fluids for electrotechnical applications.

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

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Classification of insulating liquids
(IEC 61039:2025)

Classification des liquides isolants
(IEC 61039:2025)

Klassifizierung der Isolierflüssigkeiten
(IEC 61039:2025)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 10/1249/FDIS, future edition 3 of IEC 61039, prepared by TC 10 "Fluids for electrotechnical applications" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61039:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-04-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-04-30 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 61039:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

- IEC 60836 NOTE Approved as EN 60836
- IEC 60867 NOTE Approved as EN IEC 60867
- IEC 61099 NOTE Approved as EN 61099
- IEC 62770 NOTE Approved as EN IEC 62770
- IEC 63012 NOTE Approved as EN IEC 63012

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60296	-	Fluids for electrotechnical applications - Mineral insulating oils for electrical equipment	EN IEC 60296	-
ISO 2592	-	Petroleum and related products - Determination of flash and fire points - Cleveland open cup method	EN ISO 2592	-
ISO 8681	-	Petroleum products and lubricants -- Method of classification -- Definition of classes	-	-
OECD 301	1992	OECD guidelines for the testing of chemicals - Ready Biodegradability	-	-
ASTM D240	-	Standard test method for heat of combustion of liquid hydrocarbon fuels by bomb calorimeter	-	-

CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 ISO classification system.....	6
5 Classification of electrical insulating liquids	7
5.1 General.....	7
5.2 Class classification	7
5.3 Category classification	8
5.4 Identifying code	8
6 Summarizing outline	11
Bibliography.....	12
Figure 1 – Meaning of all the letters and digits present in the classification of insulating liquids	11
Table 1 – Class classification of petroleum products or related products.....	7
Table 2 – Examples of classification for different insulating liquids	10