

INTERNATIONAL STANDARD

Classification of insulating liquids

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CONTENTS

FOREWORD	3
INTRODUCTION	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	7
4 ISO classification system	7
5 Classification of electrical insulating liquids.....	8
5.1 General	8
5.2 Class classification	8
5.3 Category classification.....	8
5.4 Identifying code	9
6 Summarizing outline.....	11
Bibliography.....	14
List of comments.....	15
Figure 1 – Meaning of all the letters and digits present in the classification of insulating liquids.....	13
Table 1 – Class classification of petroleum products or related products.....	8
Table 2 – Examples of classification for different insulating liquids.....	10

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CLASSIFICATION OF INSULATING LIQUIDS

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This commented version (CMV) of the official standard IEC 61039:2025 edition 3.0 allows the user to identify the changes made to the previous IEC 61039:2008 edition 2.0. Furthermore, comments from IEC TC 10 experts are provided to explain the reasons of the most relevant changes, or to clarify any part of the content.

A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text. Experts' comments are identified by a blue-background number. Mouse over a number to display a pop-up note with the comment.

This publication contains the CMV and the official standard. The full list of comments is available at the end of the CMV.

IEC 61039 has been prepared by IEC technical committee 10: Fluids for electrotechnical applications. It is an International Standard.

This third edition cancels and replaces the second edition published in 2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) updating of the classification of insulating liquids, taking into account the largest number possible of substances that have, or may have, a possible application in electrical components.

The text of this International Standard is based on the following documents:

Draft	Report on voting
10/1249/FDIS	10/1258/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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