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## **Petroleum and related products from natural or synthetic sources — Determination of cloud point**

*Produits pétroliers et connexes d'origine naturelle ou synthétique —  
Détermination du point de trouble*



Reference number  
ISO 3015:2019(E)

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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)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of 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 [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 28, *Petroleum and related products, fuels and lubricants from natural or synthetic sources*.

This third edition cancels and replaces the second edition (ISO 3015:1992), which has been technically revised. The main changes compared to the previous edition are as follows:

- extension of the scope to diesel fuels with up to 30 % (V/V) FAME and inclusion of paraffinic diesel fuels;
- inclusion of digital contact thermometer;
- normative references in [Clause 2](#) have been updated;
- bath and sample temperature ranges have been aligned with ASTM D2500<sup>[1]</sup>, changes in bath temperature and the temperatures at which the test jars are moved to the bath with the next lower temperature have over the years (1992 up to the time of publication of this document) not led to observation of a bias versus test results obtained with the former edition;
- the precision for 'other products' has been removed as data to support it could not be obtained for comparison;
- a bibliography has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).