



SLOVENSKI STANDARD SIST EN ISO 5165:2020

01-oktober-2020

Nadomešča:
SIST EN ISO 5165:2018

Naftni proizvodi - Ugotavljanje kakovosti vžiga dizelskih goriv - Cetansko število po motorni metodi (ISO 5165:2020)

Petroleum products - Determination of the ignition quality of diesel fuels - Cetane engine method (ISO 5165:2020)

Mineralölerzeugnisse - Bestimmung der Zündwilligkeit von Dieselmotorkraftstoffen - Cetan-Verfahren mit dem CFR-Motor (ISO 5165:2020)

Produits pétroliers - Détermination de la qualité d'inflammabilité des carburants pour moteurs diesel - Méthode cétane (ISO 5165:2020)

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Ta slovenski standard je istoveten z: EN ISO 5165:2020

ICS:

75.160.20 Tekoča goriva Liquid fuels

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Petroleum products - Determination of the ignition quality of diesel fuels - Cetane engine method (ISO 5165:2020)

Produits pétroliers - Détermination de la qualité d'inflammabilité des carburants pour moteurs diesel - Méthode cétane (ISO 5165:2020)

Mineralölerzeugnisse - Bestimmung der Zündwilligkeit von Dieselkraftstoffen - Cetan-Verfahren mit dem CFR-Motor (ISO 5165:2020)

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European foreword

This document (EN ISO 5165:2020) 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of an identical text or by endorsement, at the latest by February 2021, and conflicting national standards shall be withdrawn at the latest by February 2021.

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

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INTERNATIONAL
STANDARD

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5165

Fifth edition
2020-07

**Petroleum products — Determination
of the ignition quality of diesel fuels —
Cetane engine method**

*Produits pétroliers — Détermination de la qualité d'inflammabilité
des carburants pour moteurs diesel — Méthode cétane*

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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).

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).

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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.

This document was prepared by Technical Committee ISO/TC 28, *Petroleum and related products, fuels and lubricants from natural or synthetic sources*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 19, *Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fifth edition cancels and replaces the fourth edition (ISO 5165:2017), which has been technically revised. It is aligned with ASTM D613. The main changes to the previous edition are as follows:

- requirements for primary reference fuels (PRFs), secondary reference fuels (SRFs) and check fuels have been added;
- new low cetane primary reference fuel, pentamethylheptane (PMH), as an alternative to heptamethylnonane (HMN), have been added;
- new reporting requirements.

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.

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