



SLOVENSKI STANDARD
SIST EN ISO 20843:2004

01-julij-2004

Naftni in sorodni proizvodi - Določanje pH vrednosti tekočin, odpornih proti ognju, iz skupin HFAE, HFAS in HFC (ISO 20843:2003)

Petroleum and related products - Determination of pH of fire-resistant fluids within categories HFAE, HFAS and HFC (ISO 20843:2003)

Mineralölerzeugnisse und Schmierstoffe - Prüfverfahren zur pH-Wert-Bestimmung von schwerentflammbaren HFA- und HFC-Flüssigkeiten (ISO 20843:2003)

Pétrole et produits connexes - Détermination du pH des fluides difficilement inflammables de catégories HFAE, HFAS ou HFC (ISO 20843:2003)

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Ta slovenski standard je istoveten z: EN ISO 20843:2003

ICS:

75.080	Naftni proizvodi na splošno	Petroleum products in general
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 20843

September 2003

ICS 75.120

English version

Petroleum and related products - Determination of pH of fire-resistant fluids within categories HFAE, HFAS and HFC (ISO 20843:2003)

Pétrole et produits connexes - Détermination du pH des fluides difficilement inflammables de catégories HFAE, HFAS ou HFC (ISO 20843:2003)

Mineralölerzeugnisse und verwandte Produkte - Bestimmung des pH-Wertes schwerentflammbarer Flüssigkeiten der Kategorien HFAE, HFAS und HFC (ISO 20843:2003)

This European Standard was approved by CEN on 7 August 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 20843:2003 (E)

CORRECTED 2004-03-03

Foreword

This document (EN ISO 20843:2003) has been prepared by Technical Committee ISO/TC 28 "Petroleum products and lubricants" in collaboration with Technical Committee CEN/TC 19 "Petroleum products, lubricants and related products", 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 March 2004, and conflicting national standards shall be withdrawn at the latest by March 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 20843:2003 has been approved by CEN as EN ISO 20843:2003 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

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Annex ZA (normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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

Publication	Year	Title	EN/HD	Year
ISO 3170	1988	Petroleum liquids - Manual sampling	EN ISO 3170	1998
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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INTERNATIONAL
STANDARD

ISO
20843

First edition
2003-09-01

**Petroleum and related products —
Determination of pH of fire-resistant
fluids within categories HFAE, HFAS and
HFC**

*Pétrole et produits connexes — Détermination du pH des fluides
difficilement inflammables de catégories HFAE, HFAS ou HFC*

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Reference number
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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 20843 was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*.

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