



SLOVENSKI STANDARD
SIST EN 228:2004/AC:2006

01-marec-2006

; cf]j UnUa cħcfbUj cn] UĚBYcgj]b Yb]a cħcfb]VYbW]b]ĚNU Ĥj Y]b'dfYg_i gbY
a YħcXY

Automotive fuels - Unleaded petrol - Requirements and test methods

Kraftstoffe für Kraftfahrzeuge - Unverbleite Ottokraftstoffe - Anforderungen und
Prüfverfahren

(standards.iteh.ai)

Carburants pour automobiles Essence sans plomb - Exigences et méthodes d'essai

<https://standards.iteh.ai/catalog/standards/sist/713b81ef-2a0f-4cbd-ba65-4fa4742f59f3/sist-en-228-2004-ac-2006>

Ta slovenski standard je istoveten z: EN 228:2004/AC:2005

ICS:

75.160.20 V^ [æ [i æ Liquid fuels

SIST EN 228:2004/AC:2006 en

iTeh STANDARD PREVIEW
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EUROPEAN STANDARD

EN 228:2004/AC

NORME EUROPÉENNE

December 2005

EUROPÄISCHE NORM

Décembre 2005

Dezember 2005

ICS 75.160.20

English version
Version Française
Deutsche Fassung

Automotive fuels - Unleaded petrol - Requirements and test methods

Carburants pour automobiles Essence sans
plomb - Exigences et méthodes d'essaiKraftstoffe für Kraftfahrzeuge - Unverbleite
Ottokraftstoffe - Anforderungen und
Prüfverfahren

This corrigendum becomes effective on 7 December 2005 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 7 décembre 2005 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 7. Dezember 2005 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

STANDARD PREVIEW
(standard not for sale)
<https://standards.iteh.ai/catalog/standards/sist/713b81ef-2a0f-4cbd-ba65-4fa4742f59f3/sist-en-228-2004-ac-2006>



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

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Ref. No.: EN 228:2004/AC:2005 D/E/F

English version

Clause 2 on normative references should be updated as follows:

2. Normative references

The following referenced documents are indispensable for the application 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.

EN 237:2004, *Liquid petroleum products — Petrol — Determination of low lead concentrations by atomic absorption spectrometry.*

EN 238:1996, *Liquid petroleum products — Petrol — Determination of the benzene content by infrared spectrometry.*

EN 1601:1997, *Liquid petroleum products — Unleaded petrol — Determination of organic oxygenate compounds and total oxygen content by gas chromatography (O-FID).*

EN 12177:1998, *Liquid petroleum products — Unleaded Petrol — Determination of benzene content by gas chromatography.*

EN 13016-1:2000, *Liquid petroleum products — Vapour pressure — Part 1: Determination of air saturated vapour pressure (ASVP).*

EN 13132:2000, *Liquid petroleum products — Unleaded petrol — Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography using column switching.*

EN 14517:2004, *Liquid petroleum products — Determination of hydrocarbon types and oxygenates in petrol — Multidimensional gas chromatography method.*

EN ISO 2160:1998, *Petroleum products — Corrosiveness to copper — Copper strip test (ISO 2160:1998).*

EN ISO 3170:2004, *Petroleum liquids — Manual sampling (ISO 3170:2004).*

EN ISO 3171:1999, *Petroleum liquids — Automatic pipeline sampling (ISO 3171:1998).*

EN ISO 3405:2000, *Petroleum products — Determination of distillation characteristics (ISO 3405:2000).*

EN ISO 3675:1998, *Crude petroleum and liquid petroleum products — Laboratory determination of density — Hydrometer method (ISO 3675:1998).*

EN ISO 4259:1995, *Petroleum products — Determination and application of precision data in relation to methods of test (ISO 4259:1992, including Cor. 1: 1993).*

EN ISO 5163:2005, *Petroleum products — Determination of knock characteristics of motor and aviation fuels — Motor method (ISO 5163:2005).*

EN ISO 5164:2005, *Petroleum products — Determination of knock characteristics of motor fuels — Research method (ISO 5164:2005).*

EN ISO 6246:1997, *Petroleum products — Gum content of light and middle distillate fuels — Jet evaporation method (ISO 6246:1995).*

EN ISO 7536:1996, *Gasoline — Determination of oxidation stability of gasoline — Induction period method (ISO 7536:1994).*

EN ISO 12185:1996/C1:2001, *Crude petroleum and petroleum products — Determination of density — Oscillating U-tube method (ISO 12185:1996, including Cor.1:2001).*

EN ISO 20846:2004, *Petroleum products – Determination of sulfur content of automotive fuels– Ultraviolet fluorescence method (ISO 20846:2004).*

EN ISO 20847:2004, *Petroleum products – Determination of sulfur content of automotive fuels – Energy-dispersive X-ray fluorescence spectrometry (ISO 20847:2004).*

EN ISO 20884:2004, *Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2004).*

ASTM D 1319:95a, *Test method for hydrocarbon types in liquid petroleum products by Fluorescent Indicator Adsorption.*

ASTM D 1613:96, *Standard test method for acidity in volatile solvents and chemical intermediates used in paint, varnish, lacquer, and related products*

Clause 3 (Sampling) replace the first sentence "Samples shall be taken as described in prEN ISO 3170 or EN ISO 3171 and/or in accordance with the requirements of national standards or regulations for the sampling of unleaded petrol" by " Samples shall be taken as described in EN ISO 3170 or EN ISO 3171 and/or in accordance with the requirements of national standards or regulations for the sampling of unleaded petrol".

Table 1, 2nd line (Research Octane number) replace "prEN ISO 5164" by "EN ISO 5164".

Table 1, 3rd line (Motor Octane number) replace "prEN ISO 5163" by "EN ISO 5163".

Table 1, 4th line (Lead content) replace "prEN 237" by "EN 237".

Table 1, 11th line (Hydrocarbon content) replace "prEN 14517" by "EN 14517".

Table 1, 12th line (Benzene content) replace "prEN 14517" by "EN 14517".

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