



SLOVENSKI STANDARD

SIST EN 228:2025

01-oktober-2025

Nadomešča:

SIST EN 228:2012+A1:2017

Goriva za motorna vozila - Neosvinčeni motorni bencini - Zahteve in preskusne metode

Automotive fuels - Unleaded petrol - Requirements and test methods

Kraftstoffe - Unverbleite Ottokraftstoffe - Anforderungen und Prüfverfahren

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

Ta slovenski standard je istoveten z: EN 228:2025

[SIST EN 228:2025](https://standards.iteh.ai/catalog/standards/sist/7cd48df4-e27a-4f91-abcb-bb049fcbaa46/sist-en-228-2025)

<https://standards.iteh.ai/catalog/standards/sist/7cd48df4-e27a-4f91-abcb-bb049fcbaa46/sist-en-228-2025>

ICS:

75.160.20	Tekoča goriva	Liquid fuels
-----------	---------------	--------------

SIST EN 228:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 228

July 2025

ICS 75.160.20

Supersedes EN 228:2012+A1:2017

English Version

**Automotive fuels - Unleaded petrol - Requirements and
test methods**

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

Kraftstoffe - Unverbleite Ottokraftstoffe -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 9 June 2025.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

SIST EN 228:2025

<https://standards.iteh.ai/catalog/standards/sist/7cd48df4-e27a-4f91-abcb-bb049fcbbaa46/sist-en-228-2025>



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	7
4 Sampling	7
5 Pump marking	7
6 Requirements and test methods	8
6.1 Renewable and recycled carbon fuel components.....	8
6.1.1 Ethanol	8
6.1.2 Other renewable and recycled carbon fuel components.....	8
6.2 Dyes and markers	8
6.3 Additives.....	8
6.3.1 General.....	8
6.3.2 Phosphorus.....	8
6.3.3 Methylcyclopentadienyl Manganese Tricarbonyl (MMT)	8
6.4 Generally applicable requirements and test methods	9
6.5 Climatically dependent requirements and test methods	12
6.5.1 Water tolerance	12
6.5.2 Volatility requirements	12
6.6 Octane reporting	16
6.7 Precision and dispute	16
6.7.1 Resolution of disputes	16
6.7.2 Arbitration test methods.....	16
Annex A (normative) Vapour pressure waiver	18
A.1 Vapour pressure waiver permitted.....	18
A.2 Guidance for checking compliance with the permitted waiver.....	18
Bibliography	20