



SLOVENSKI STANDARD
oSIST prEN 17867:2022
01-junij-2022

Bencinsko gorivo za male motorje z notranjim zgorevanjem - Zahteve in preskusne metode

Petrol fuel for small internal combustion engines - Requirements and test methods

Kraftstoffe für Verbrennungsmotoren - Alkylatkraftstoff für Kleinmotoren - Anforderungen und Prüfverfahren

iTeh Standards
(<https://standards.iteh.ai>)

Ta slovenski standard je istoveten z: **prEN 17867**

[SIST EN 17867:2023](https://standards.iteh.ai/catalog/standards/sist/2e3f9253-2ff1-4399-ad30-756d0b922124/sist-en-17867-2023)

<https://standards.iteh.ai/catalog/standards/sist/2e3f9253-2ff1-4399-ad30-756d0b922124/sist-en-17867-2023>

ICS:

75.160.20 Tekoča goriva Liquid fuels

oSIST prEN 17867:2022 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 17867

June 2022

ICS 75.160.20

English Version

Petrol fuel for small internal combustion engines - Requirements and test methods

Essences pour petits moteurs à combustion interne -
Exigences et méthodes d'essai

Kraftstoffe für Verbrennungsmotoren -
Alkylatkraftstoff für Kleinmotoren - Anforderungen
und Prüfverfahren

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 19.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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, Turkey and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Pump marking	7
5 Requirements and testing	7
5.1 General requirements	7
5.2 Two-stroke oil	7
5.3 Dyes and tracers	7
5.4 Additives	7
5.4.1 General	7
5.4.2 Metallic octane boosters	7
5.4.3 Phosphorus	7
5.5 Generally applicable requirements and test methods	7
5.6 Climatically dependent requirements and test methods - Volatility requirements	9
5.7 Expression of results for the octane number	9
5.8 Precision and case of dispute	10
5.8.1 Resolution of disputes	10
5.8.2 Information on test methods in case of dispute	10
Annex A (normative) Instructions on distilling two-stroke samples	11
Annex B (normative) Determination of oil content volume in petrol for two-stroke engines	12
Annex C (normative) Pump labelling	13
Bibliography	14

European foreword

This document (prEN 17867:2022) has been prepared by 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 document is currently submitted to the CEN Enquiry.

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN 17867:2023](https://standards.iteh.ai/catalog/standards/sist/2e3f9253-2ff1-4399-ad30-756d0b922124/sist-en-17867-2023)

<https://standards.iteh.ai/catalog/standards/sist/2e3f9253-2ff1-4399-ad30-756d0b922124/sist-en-17867-2023>

Introduction

This document is intended to provide a defined quality standard for petrol fuels for small engines with the aim of reducing emissions for industrial safety and environmental reasons and extending the lifetime of devices.

Alkylate-based petrol fuels according to this document are mainly composed of paraffinic hydrocarbons, contain only small amounts of olefins and are substantially free of aromatic compounds, especially benzene. They are low in sulphur and are mainly used for small engines (chain saws, mowing machines etc.) requiring pure petrol fuels or petrol fuels with an admixture of engine oil depending on the design of the engine. Typically these fuels are produced in alkylation units but other production methods are possible.

This document describes both a petrol fuel for externally lubricated four-stroke engines and a petrol fuel for mixture-lubricated engines containing a lubricating oil component.

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[SIST EN 17867:2023](#)

<https://standards.iteh.ai/catalog/standards/sist/2e3f9253-2ff1-4399-ad30-756d0b922124/sist-en-17867-2023>