SLOVENSKI STANDARD
kSIST-TP FprCEN/TR 18169:2025

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Nafta in sorodni proizvodi - Vodilo za ocenjevanje alternativnih goriv in komponent za mešanje goriv - Informacije za proizvajalce in mešalce avtomobilskih goriv

Petroleum and related products — Alternative fuels and fuel blending components assessment guide — Information to producers and blenders of automotive fuels

Mineralölerzeugnisse - Leitfaden zur Bewertung von alternativen Kraftstoffen und von Komponenten für Kraftstoffmischungen - Informationen für Hersteller und Mischungshersteller von Kraftstoffen

Produits pétroliers - Guide d'évaluation des carburants alternatifs et des composants des mélanges de carburants - Informations destinées aux producteurs et aux mélangeurs de carburants automobiles

Ta slovenski standard je istoveten z: **FprCEN/TR 18169**

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75.160.20	Tekoča goriva	Liquid fuels

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TECHNICAL REPORT

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

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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.

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

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European foreword

This document (FprCEN/TR 18169:2024) 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 Vote on TR.

1 Scope

This document presents information to producers and blenders of automotive fuels. It allows the user to assess new products or blends and their production processes to determine what information is helpful to consider:

- the applicable fuel specification standard(s);
- the 'workmanship clause' cited by CEN fuel specifications;
- the impact on vehicle emissions systems, material compatibility and vehicle operability;
- the correct functioning of the intended product (fitness for purpose).

This document is a collection of information. It serves as guidance and cannot be considered as a product approval paper in any way.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1998-2, *Petroleum industry — Terminology — Part 2: Properties and tests*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1998-2 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
additive
compound formulated to enhance the quality and efficiency of fuels and added in very small treat rates

3.2
blending component
compound to be mixed with a conventional fuel

4 General

4.1 Purpose

The purpose of this document is to give general guidance on evaluation of new materials for blends in or replacements for fuels for spark ignition engines, such as EN 228, or for compressed injection engines, such as EN 590.

CEN does not certify, approve, reject, or endorse specific fuels. Rather, its Technical Committee 19 develops fuel specifications and test methods for fuels. Its standards provide minimum requirements for properties of fuels covered by these documents in commerce and address the concerns of stakeholders, including that fuels perform appropriately in the specified application.