



**SLOVENSKI STANDARD**  
**SIST EN 12662-2:2024**

**01-september-2024**

**Nadomešča:**  
**SIST EN 12662:2014**

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**Tekoči naftni proizvodi - Določanje celokupnih nečistoč - 2. del: Metilni estri maščobnih kislin**

Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters

Flüssige Mineralölerzeugnisse - Bestimmung der Gesamtverschmutzung — Teil 2 : Fettsäuremethylester

Produits pétroliers liquides - Détermination de la contamination totale — Partie 2 : Esters méthyliques d'acides gras

**Ta slovenski standard je istoveten z: EN 12662-2:2024**

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**ICS:**

75.160.20      Tekoča goriva      Liquid fuels

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EUROPEAN STANDARD

EN 12662-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 12662:2014

English Version

## Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters

Produits pétroliers liquides - Détermination de la contamination totale - Partie 2 : Esters méthyliques d'acides gras

Flüssige Mineralölerzeugnisse - Bestimmung der Gesamtverschmutzung - Teil 2: Fettsäure-Methylester

This European Standard was approved by CEN on 8 April 2024.

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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.

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

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## European foreword

This document (EN 12662-2:2024) 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 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of an identical text or by endorsement, at the latest by December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12662:2014.

In comparison with the previous edition, the following technical modifications have been made:

- split of the scope of the previous edition in two parts, with Part 2 covering the neat FAME in this document and with Part 1 covering the middle distillates and the diesel fuels containing up to 30 % (V/V) of fatty acid methyl ester (FAME) in a separate document.
- update of the precision data following the statistical analysis [4] of the interlaboratory tests data according to EN ISO 4259-1:2017 [1].

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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**EN 12662-2:2024 (E)****Introduction**

Excessive contamination in a fuel system can give rise to premature blocking of filters and/or hardware failure, and is therefore undesirable. The determination of the content of undissolved substances, referred to as total contamination, is a way to control this issue.

In the previous version of this method, the scope was covering middle distillates, diesel fuels containing up to 30 % (V/V) of FAME and neat FAME. It was found that the improvement sought in 2014, give problems in the lab in testing FAME and correlate the results to those obtained with the previous version of the method. A solution has been found, which resulted in splitting the methodology in two parts: to include the previous version as Part 1 and to develop a separate standard for neat FAME as Part 2.

An interlaboratory study was conducted to determine the valid precision of the method for determining total contamination in neat FAME according to this document.

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