

## SLOVENSKI STANDARD SIST ISO 3987:2024

01-december-2024

Nadomešča:

SIST ISO 3987:2011

SIST ISO 3987:2011/Cor 1:2011

Naftni proizvodi - Določanje sulfatnega pepela v mazalnih oljih in aditivih ter v metilnih estrih maščobnih kislin

Petroleum products — Determination of sulfated ash in lubricating oils and additives and fatty acid methyl esters

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

Produits pétroliers — Détermination des cendres sulfatées dans les huiles lubrifiantes et additifs et esters méthyliques d'acides gras

Ta slovenski standard je istoveten z: 505 ISO 3987:2024 66-61 abb5 fb5b66/sist-iso-3987-2024

ICS:

75.100 Maziva Lubricants, industrial oils and

related products

SIST ISO 3987:2024 en,fr

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

SIST ISO 3987:2024

https://standards.iteh.ai/catalog/standards/sist/8f995d7e-0b57-4a90-bcfa-b1abb5fb5b66/sist-iso-3987-2024



## International Standard

**ISO 3987** 

# Petroleum products — Determination of sulfated ash in lubricating oils and additives and fatty acid methyl esters

Produits pétroliers — Détermination des cendres sulfatées dans les huiles lubrifiantes et additifs et esters méthyliques d'acides gras

Fourth edition 2024-09

**Document Preview** 

SIST ISO 3987:2024

https://standards.iteh.ai/catalog/standards/sist/8f995d7e-0b57-4a90-bcfa-b1abb5fb5b66/sist-iso-3987-2024

ISO 3987:2024(en)

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

SIST ISO 3987:2024

https://standards.iteh.ai/catalog/standards/sist/8f995d7e-0b57-4a90-bcfa-b1abb5fb5b66/sist-iso-3987-2024



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

## ISO 3987:2024(en)

Contents		Page
Fore	word	iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Reagents	2
6	Apparatus	2
7	Samples and sampling	3
8	Procedure	3
9	Calculation	4
10	Expression of results	4
11	Precision	4
	11.1 General	
	11.2 Repeatability, <i>r</i>	
12	Test report	
Ann	ex A (informative) Information on the potential presence of some metals and additives	
	Bibliography 11eh Standards	
	(https://standards.iteh.ai)	

(https://standards.iteh.ai)
Document Preview

SIST ISO 3987:2024

https://standards.iten.ai/catalog/standards/sist/8f995d/e-0b5/-4a90-bcfa-b1abb5fb5b66/sist-iso-398/-2024

#### ISO 3987:2024(en)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <a href="https://www.iso.org/patents">www.iso.org/patents</a>. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 28, *Petroleum and related products, fuels and lubricants from natural or synthetic sources*.

This fourth edition cancels and replaces the third edition (ISO 3987:2010), which has been technically revised. It also incorporates the Technical Corrigendum ISO 3987:2010/Cor 1:2011.

The main changes are as follows:

- the addition of fatty acid methyl esters (FAME) in the scope and title;
- modification of the precision paragraphs based on ISO 4259-1:2017/Amd 1:2019.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.