



# SLOVENSKI STANDARD

## SIST EN 3030:2001

01-junij-2001

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### Aerospace series - Test method for dry film lubricants - Solids content

Aerospace series - Test method for dry film lubricants - Solids content

Luft- und Raumfahrt - Prüfverfahren für Trockenschmierstoffilm - Feststoffgehalt

Série aérospatiale - Méthode d'essai pour films lubrifiants solides - Teneur en extrait sec

Ta slovenski standard je istoveten z: **EN 3030:1994**

[SIST EN 3030:2001](https://standards.iteh.ai/catalog/standards/sist/94530785-86fe-4a1d-8db5-f08247d3ba3a/sist-en-3030-2001)

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#### **ICS:**

49.035	Sestavni deli za letalsko in vesoljsko gradnjo	Components for aerospace construction
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EUROPEAN STANDARD

EN 3030

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1994

UDC 621.892:620.1:629.7

Descriptors: Aircraft industry, lubricants, solids, films, chemical analysis, determination of content, dry matter

English version

**Aerospace series - Test method for dry film  
lubricants - Solids content**Série aérospatiale - Méthode d'essai pour films  
lubrifiants solides - Teneur en extrait secLuft- und Raumfahrt - Prüfverfahren für  
Trockenschmierstofffilm - Feststoffgehalt**(standards.iteh.ai)**SIST EN 3030:2001<https://standards.iteh.ai/catalog/standards/sist/94530785-86fe-4a1d-8db5-f08247d3ba3a/sist-en-3030-2001>

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The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries and votes carried out in accordance with the rules of this Association, this Standard has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

This standard was submitted for Formal Vote, and the result was positive.

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 July 1994, and conflicting national standards shall be withdrawn at the latest by July 1994.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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## 1 Scope

This standard specifies a test method to determine the solids content in the dry film lubricant.

## 2 Normative References

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 3021 Aerospace series - Molybdenum disulphide dry lubricants to be applied as a film - Technical specification <sup>1)</sup>

## 3 Test equipment

- glass dish (diameter approximately 64 mm);
- ventilated oven of suitable type;
- precision balance;
- desiccator.

## 4 Procedure

Mix the dry lubricant to obtain a uniform dispersion. Weigh the dish and add  $(5 \pm 0,1)$  g of product.

Place the dish and its content in the ventilated oven set at  $(50 \pm 3)$  °C for  $(18 \pm 1)$  h.

Then increase the temperature to  $(205 \pm 3)$  °C for  $(60 \pm 5)$  min; (the dish may also be transferred to another oven at  $(205 \pm 3)$  °C and left for the same period).

Place the dish in a desiccator and leave it to return to room temperature.

Weigh the dish and its contents.

## 5 Expression of results

Express as a percentage of solids content relative to the mass of the dry lubricant sample.

## 6 Test report

It shall include the following :

- reference to this standard;
- designation to EN 3021;
- solids content expressed in conformity with 5.

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<sup>1)</sup> In preparation at the date of publication of this standard