

# INTERNATIONAL STANDARD

**ISO**  
**11218**

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## **Aerospace — Cleanliness classification for hydraulic fluids**

*Aéronautique et espace — Classes de propreté des fluides hydrauliques*



Reference number  
ISO 11218:1993(E)

## 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11218 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 10, *Aerospace fluid systems and components*.

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# Aerospace — Cleanliness classification for hydraulic fluids

## 1 Scope

This International Standard specifies a cleanliness classification for hydraulic fluids in aeroplanes, helicopters and space vehicles.

## 2 Requirements

Requirements are specified in SAE AS4059A<sup>1)</sup> which is adopted as a *de facto* ISO International Standard.

For the purposes of international standardization, the modification outlined below shall apply to the specific clause of AS4059A.

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## 2 Reference documents

Add the following reference:

ISO 5884:1987, *Aerospace — Fluid systems and components — Methods for system sampling and measuring the solid particle contamination of hydraulic fluids.*

## 3 Identification statement (Reference to this International Standard)

Use the following statement when electing to comply with ISO 11218:

“Hydraulic fluid cleanliness classifications in accordance with ISO 11218.”

## 4 Revision of AS4059A

It has been agreed with SAE that Technical Committee ISO/TC 20 will be consulted in the event of any revision or amendment of AS4059A.

1) AS4059A is a copyrighted publication of the Society of Automotive Engineers (SAE). Copies of the original text in English are available from

Society of Automotive Engineers, 400, Commonwealth Drive, Warrendale, PA 15096-0001, USA.