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Filters for compressed air — Test methods —

Part 2: Oil vapours

Filtres pour air comprimé — Méthodes d'essai —

Partie 2: Vapeurs d'huile



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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

ISO 12500-2 was prepared by Technical Committee ISO/TC 118, *Compressors and pneumatic tools, machines and equipment*, Subcommittee SC 4, *Quality of compressed air*.

ISO 12500 consists of the following parts, under the general title *Filters for compressed air — Test methods*:

- *Part 1: Oil aerosols*
- *Part 2: Oil vapours*
- *Part 3: Particulates*

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Introduction

Oil adsorbent filters (e.g. activated carbon, etc.) are designed for the removal of oil vapours and odours from compressed air or gas streams.

The most important performance characteristics of the filter are its ability to remove hydrocarbon vapours, its total adsorptive capacity and pressure drop.

The aim of this part of ISO 12500 is to define a method and test condition by which the above characteristics can be measured and compared.

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