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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 33626.2-2017

**Pneumatic lubricators -- Part 2: Test methods to determine the
main characteristics to be included in supplier's literature**

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Foreword

GB/T 33626 "Pneumatic oil mist" is divided into the following two parts.

- Part 1. Main features and product identification requirements to be included in business documents;

- Part 2. Test methods for assessing the main features contained in business documents.

This part is part 2 of GB/T 33626.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the re-drafting method to modify the use of ISO 6301-2..2006 "Pneumatic transmission of compressed air mist" Part 2. Assessment

Business documents included in the main features of the test method ".

The technical differences between this section and ISO 6301-2..2006 and the reasons are as follows.

--- on the normative reference documents, this part has made a technical differences in the adjustment to meet China's technical conditions, adjust the situation

The situation is reflected in Chapter 2, "Normative references", as follows.

- Replace ISO 3 with equivalent GB/T 321 with international standard (see 5.2);

Replace GB 1219-1 (see Chapter 4) with GB/T 786.1 equivalent to the international standard;

Replace ISO 2944 with GB/T 2346 with international standard (see 5.2);

Replace GB 1000 (see Chapter 4) with GB/T 3100 with an international standard;

Replace GB 3448 (see 6.3) with GB/T 3141 with an international standard;

Replace GB 5598 (see Chapter 3) with GB/T 17446 equivalent to the international standard;

Replace GB 8778 (see Chapter 4) with GB/T 28783 equivalent to international standards;

Replace GB 6301-1..2009 (see Chapter 1) with GB/T 33626.1-2017 equivalent to international standards;

- Change "ISO 6358-1. 1989" to the latest version "ISO 6358..2013" (see 7.1).

--- deleted 6.9 of ISO 6301-2..2006. Because the design of the compression housing should comply with the pressure vessel regulations, do not need to be included

Part of this clause.

--- modify the contents of Chapter 7 Traffic Test (see 7.1, 7.2).

For ease of use, this section has made the following editorial changes.

--- Change the standard name to "Pneumatic oil mister Part 2. Test method for assessing the main characteristics contained in the business document".

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Introduction

In a pneumatic system, the power is transmitted and controlled by the compressed air in the closed loop. The oil mist is the right amount of lubricant added

Compressed air flow, the need to lubricate the pneumatic components to lubricate.

Pneumatic oil misters - Part 2. Assessment of business documents

Contains the main characteristics of the test method

1 Scope

This part of GB/T 33626 specifies the main features that should be included in the oil mist business document as required in GB/T 33626.1

The test method and the expression of these characteristic parameters.

This section applies to.

--- through a unified test method to obtain the test data, the oil mist to compare;

- help to properly select the appropriate oil mist in the compressed air system.

The specified test items are intended for comparison of different types of oil mist; rather than for production testing of the oil mist manufacturing process.

2 normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article

Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 321 priority and priority numbers (GB/T 321-2005, ISO 3. 1973, IDT)

GB/T 786.1 Fluid drive systems and components - Graphical symbols and circuit diagrams
- Part 1. Diagrams for general use and data processing

(GB/T 786.1-2009, ISO 1219-1..2006, IDT)

GB/T 2346 fluid transmission system and components nominal pressure series (GB/T 2346-2003, ISO 2944..2000, MOD)

GB 3100 International System of Units and Applications (GB 3100-1993, eqvISO 1000..1992)

GB/T 3141 Industrial liquid lubricants ISO viscosity classification (GB/T 3141-1994, eqvISO 3448..1992)

GB/T 17446 fluid transmission system and component vocabulary (GB/T 17446-2012, ISO 5598..2008, IDT)

GB/T 28783 Pneumatic Standard Reference Atmosphere (GB/T 28783-2012, ISO 8778..2003, IDT)

GB/T 33626.1-2017 Pneumatic oil misters - Part 1. Main features and product identification requirements to be included in business documents

(ISO 6301-1..2009, IDT)

ISO 6358-1..2013 Pneumatic drives - Determination of the flow characteristics of components using compressible fluids - Part 1. General and steady state

Flow test method

(Pneumatic fluid power - Determination of flow-rate characteristics of components

using compressible fluids - Part 1. General rules and test methods for steady-state flow)

3 terms and definitions

The terms and definitions defined in GB/T 17446 and GB/T 33626.1-2017 apply to this document.

4 units

Pneumatic system should be used in line with GB 3100 units, namely.

--- table pressure. expressed in kilopascals (kPa);

--- temperature. in degrees Celsius (degrees C) said;

--- Air flow. expressed in cubic decimeters per second [dm³/s (ANR)] (see GB/T 28783).

Figure 1 uses the graphical symbols in line with GB/T 786.1.