Chinastandards.org

HB

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

HB 8581-2020

Hydraulic transmission The automatic particle counting method using the shading principle to determine the particle contamination of liquid samples

液压传动 采用遮光原理的自动颗粒计数法测定液样颗粒污染度

(English Translation)

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8581-2020

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

HB 8581-2020 is issued by Ministry of Industry and Information Technology of the People's Republic of China.

The HB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the operating procedures for the determination of particle contamination in transparent, uniform, and single-phase liquid samples using an automatic particle counter that uses the shading principle. This standard applies to the monitoring of particle pollution of hydraulic oil, and the monitoring of particle pollution of other liquids (such as lubricating oil, fuel oil, treatment fluid, phosphate ester hydraulic oil) can be used as a reference.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8581-2020

HB 8581-2020 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 171 other HB standards.

Of the 65 HB standards that do carry an ICS number, 65 (100%) fall under ICS 49, in the field of aircraft and space vehicle engineering.

3 About this standard

Sector: Aviation Industry Standard

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

5 Classification and status

Prefix HB: mandatory standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hb-8581-2020