

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

GLÄSER GmbH

Robert-Bosch-Straße 32, 72160 Horb am Neckar

is competent under the terms of DIN EN ISO/IEC 17025:2018 to carry out tests in the following fields:

Determination of technical cleanliness of components, systems and fluids including sample collection; examination on samples of mineral oils, working media (washing fluids, test oils, preservatives) on solid contamination

The accreditation certificate shall only apply in connection with the notice of accreditation of 07.12.2020 with the accreditation number D-PL-17306-02. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the certificate: **D-PL-17306-02-00**

Berlin,
07.12.2020

Dr Heike Manke
Head of Division

Translation issued:
07.12.2020



Head of Division

The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkkS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAkkS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). DAkkS is a signatory to the Multilateral Agreements for Mutual Recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-17306-02-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 07.12.2020

Date of issue: 07.12.2020

Holder of certificate:

GLÄSER GmbH
Robert-Bosch-Straße 32, 72160 Horb am Neckar

Tests in the fields:

Determination of technical cleanliness of components, systems and fluids including sample collection; examination on samples of mineral oils, working media (washing fluids, test oils, preservatives) on solid contamination

Within the given testing field, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the modification, development and refinement of testing methods.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements in DIN EN ISO/IEC 17025 are written in language relevant to operations of testing laboratories and operate generally in accordance with the principles of DIN EN ISO 9001.

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

Abbreviations used: see last page

Page 1 of 2

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the accreditation certificate D-PL-17306-02-00

ISO 4407 2002-04	Hydraulic fluid power - Fluid contamination - Determination of particulate contamination by the counting method using an optical microscope
ISO 16232-3 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 3: Method of extraction of contaminants by pressure rinsing
ISO 16232-4 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 4: Method of extraction of contaminants by ultrasonic techniques
ISO 16232-5 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 5: Method of extraction of contaminants on functional test bench
ISO 16232-6 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 6: Particle mass determination by gravimetric analysis
ISO 16232-7 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 7: Particle sizing and counting by microscopic analysis
ISO 16232-10 2007-06	Road vehicles - Cleanliness of components of fluid circuits - Part 10: Expression of results
VDA- Volume 19 1st edition 2004	Inspection of Technical Cleanliness - Particulate Contamination of Functionally Relevant Automotive Components <i>(without REM und EDX)</i>
VDA- Volume 19 - Part 1 2nd edition 2015	Inspection of Technical Cleanliness - Particulate Contamination of Functionally Relevant Automotive Components <i>(without REM und EDX)</i>

Abbreviations used:

ISO International Organization for Standardization
VDA German Association of the Automotive Industry