



OELCHECK
since 1991

Oil can talk

We understand the message





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High performance and still full of power reserves – or already used and contaminated and posing serious risks for systems and machines? OELCHECK examines the quality of your lubricant and draws accurate conclusions.

In doing so, expensive repairs, downtimes and unnecessary oil changes can be avoided. The fact is, every oil is subject to a continual process of change. Foreign materials in the oil, such as dust, water and wear particles, contaminate it. High operating temperatures and contact with oxygen cause it to age. As a method for cost-reduction, oil change intervals are being extended further and further. In the long term, however, this increases the risk of oil-related damage. Nevertheless, it is possible to minimise this risk. From a multitude of physical and chemical characteristic values, OELCHECK deduces the condition of the oil and machine alike. In doing so, the best time for an oil change can be determined. Wear particles are matched to specific damaged machine parts. These provide information about the condition of the system and its components and provide a predictive warning of damage.

In construction machinery and industrial equipment, cars, trucks and lorries, engines, gearboxes and hydraulic systems, OELCHECK analyses all lubricants as well as many fuels and understands the message.





Experience, Innovation and Partnership

Since 1991 – lubricant analyses in Germany



OELCHECK is the leading laboratory for lubricant analyses throughout the German-speaking community. Founded in 1991 under the name of **WEARCHECK**, our company is still a 100% family-run business today and is therefore completely independent. Whether in the automotive sector or in industry – OELCHECK's lubricant analyses are essential in modern-day service and maintenance.

Our laboratory is state-of-the-art. We invest consistently in innovative test equipment and develop intelligent software.

Our employees are recognised experts in their field. They provide accurate diagnoses for each oil sample we analyse. They advise on the best choice of lubricant and perform as independent witnesses in the clarification of damages.

Customers benefit from our extensive experience, our innovations and a unique partnership – welcome to OELCHECK!

Dipl.-Ing. Peter Weismann

Company founder and technical director





OELCHECK Analysis Test Kits

Economical, Practical and Ingenious

Using the OELCHECK analysis kits, you can draw and dispatch oil samples quickly, cleanly and easily. For each lubricant, each branch and each problem, all-inclusive analysis kits are available with a well-selected combination of the test procedures. You pay for the kits in advance. The price includes the cost for the entire analysis and its diagnostic statement by one of our German engineers.

The scope of the analysis is clearly defined by the cap color, the oil type and the oil's origins. Once you place your order, we promptly send you the analysis kit by courier service. Each packaging unit contains a 100 ml, temperature-resistant sample bottle with OELCHECK-embossment and a Sample Information Form preaddressed envelope and UPS return label.

The Sample Information Form asks (often industry-specific) questions regarding the oil sample. You should provide as much information as possible so that the sample can be assessed completely. On each Sample Information Form, there is a laboratory number label, which is stuck on the sample bottle for identification purposes. It helps to simplify queries and is – besides the unit ID – the most important control element.

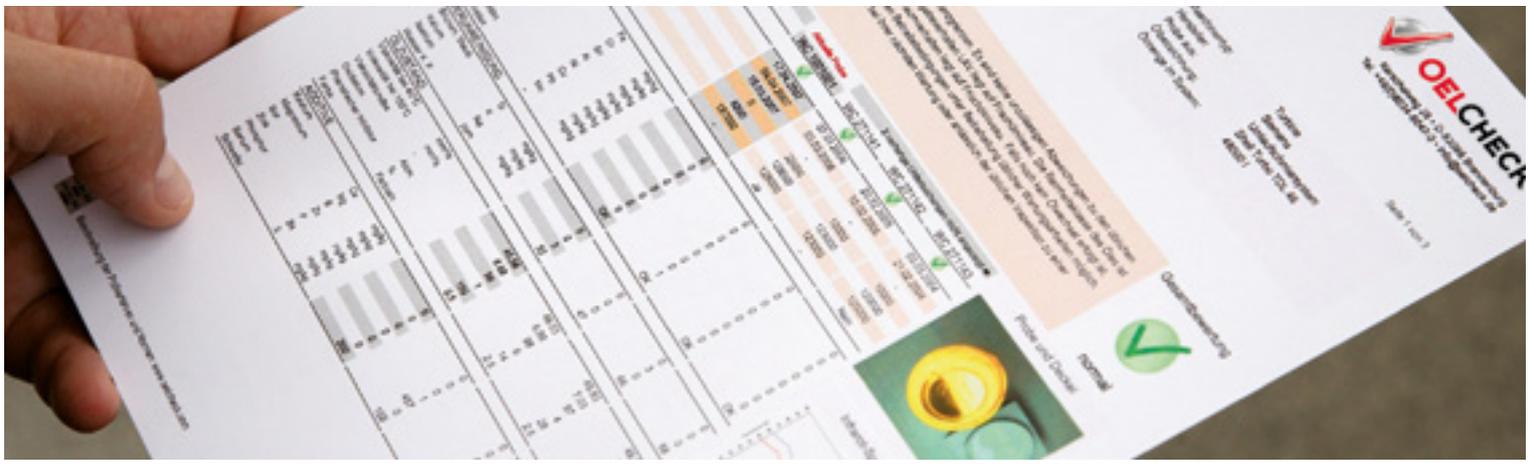
OELCHECK provides you with instructions and the relevant accessories to enable you to take oil and grease samples easily and cleanly. After your professional sample-taking, you send the sample to the OELCHECK laboratory in its oil-tight sealed envelope with the Sample Information Form inserted separately.

Our exclusive agent Lubecheck sells our analysis kits in China and takes care of the special sample delivery to our laboratory in Brannenburg.

All standard-samples provided in the prepaid analysis kit, which arrive at the laboratory before midday with all the required information are analysed and diagnosed by the end of the following working day.



Ordering OELCHECK Analysis Test Kits:
www.oelcheck-shop.de



Detailed and meaningful Laboratory Reports

Fast Online Database



OELCHECK does not just deliver raw data.

All the data are presented so that they can also be understood by non-specialists. In the Laboratory Report, which is sent by e-mail, mail or fax, more than 25 values are examined, rated and commented individually.



An engineer in Germany, not a computer, assigns a green, yellow or red diagnosis symbol. Our expert explains the wear condition in a specific diagnose field. To allow you to easily identify any existing trends, the results of previous analyses are listed alongside the current values and commented accordingly.



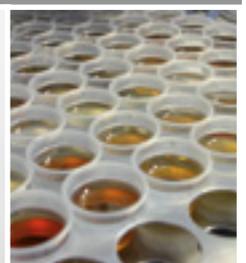
Thanks to the detailed OELCHECK Laboratory Reports:

- you find out all you need to know about condition of your systems and engines
- you avoid expensive repairs and downtimes
- you detect ongoing damage in time
- you change the oil specifically at the right time
- you protect the environment by discarding less used oil.

You can access your Laboratory Reports and sample data via the Internet at any time and from anywhere in the world. Your personal login data are provided free of charge.

Amongst others www.lab.report offers:

- Search and filter all your samples
- Export the analysis results using different data formats
- Translate laboratory reports into various foreign languages and forward them
- Enter sample data online easily via smartphone/tablet and QR-Code





Our Laboratory sets standards

Certified quality and environmental protection

The OELCHECK laboratory uses the latest analysis equipment. We have worked together with the manufacturers to develop much of the testing equipment and have focused on the particular requirements of analysing, what can sometimes be highly viscous or paste-like lubricants. An experienced team of chemists and laboratory technicians operates all the different analysis equipment and examines more than 1,200 individual lubricant samples each day.

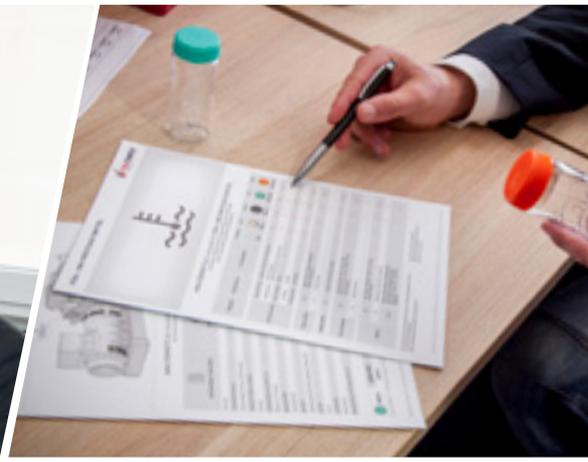
The company's IT department can access by its own source code all software directly. It develops and manages the complex Laboratory Information System (LIMS). The software is structured modular. It is therefore easy to integrate new test procedures or equipment as plug-ins. The results of all analyses are managed in a joint SQL database. Customers are always granted password-protected access to their individual database at www.lab-report.com.

We have developed our own "Sample Rating" software to ensure that our OELCHECK engineers, who diagnose hundreds of samples each day, can work to a high standard. Besides providing the laboratory data, warning and limit values as well as fresh oil values are compared. The software also provides trend monitoring. Furthermore, it concisely presents all the test results, diagrams and photos delivered from the laboratory.

All operations in the OELCHECK laboratory are integrated in quality management and environmental management systems. OELCHECK has been certified in accordance with ISO 9001 already since 1995 and in accordance with ISO 14001 since 2001.

Since 2009 the OELCHECK laboratory has also been accredited according to DIN EN ISO/IEC 17025:2005 for some test methods.





The OELCHECK Experts

Our Customers' Partners

The OELCHECK engineers have a solid general knowledge of mechanical engineering. They are familiar with nearly all branches and their production processes. In addition, they have experience with lubricants as "tribologists". They provide individual diagnostic statements in each laboratory report. If you have any questions regarding a laboratory report, a technician is always personally available for you.

The OELCHECK engineers also actively support you to:

- establish longer oil change intervals
- create lubrication plans and select the most suitable lubricants;
- analyse cases of damage and provide an expert opinion;
- negotiations with systems manufacturers and lubricant suppliers.

The OELCHECK engineers are involved as recognised lubricant specialists in numerous international research projects and play an active role in standardisation groups and lubricant committees.

»Our customers are our partners. Our objective is to improve an early detection of damages on key parts and to extend oil change intervals up to actual needs. This helps to reduce costs and to protect the environment.«

Paul Weismann, Bachelor of Science
Managing Director of the OELCHECK Laboratory





Consistently Following its Course of Expansion

All together for your success

The number of samples analysed in the OELCHECK laboratory has been increasing in double digits annually since the company was founded. This is why we are continually investing in the automation of test equipment and in new software. We always require new staff members to strengthen our team.

Only when man and machine are working perfectly together and we consistently incorporate a detailed quality management system, we do have the structures and processes we need for the future development of our company.

Everybody strives to identify the requirements and needs of our customers and to fully meet their expectations. Fast reaction times and professional work are essential in achieving this. The agreed services must be fulfilled rapidly, accurately, to a high and consistent standard and to mutual benefit.

The requirements on our employees and trainees are equally high. Despite the extensive workload and continual training sessions, we place a great deal of emphasis on creating a positive working atmosphere. At the end of the day, OELCHECK has remained a family-run business in which fun and enjoyment must play their part.

»When we founded our company, the undertaking of making a living from analysing oil was only a vision. It became a reality earlier than we expected. OELCHECK has been following a consistent course of expansion since 1991. Nevertheless, other visions have remained. We implement them together with our employees and are always offering our partners new services, which they immediately can benefit from.«

Barbara Weismann, Managing Director OELCHECK GmbH





The OilDoc Academy

Your Center of Excellence



OilDoc
Akademie



The OilDoc managers Petra Bots and
Dipl.-Ing. Rüdiger Krethe

The OilDoc GmbH emerged as a spin-off of OELCHECK. Since 1996, the transfer of knowledge is the main-business for OilDoc. Practitioners working in the fields of maintenance, service or sales are trained in seminars, workshops, certification courses (CLS, MLA) and online training in lubrication-related topics as efficient application of lubricants, tribology and lubricant analyses. OilDoc imparts the basics of oil analyses and condition monitoring, the selection of lubricants and the evaluation of analyses results in branch-specific seminars. Workshops focus on the assessment and interpretation of the Laboratory Report.

Our speakers and external lecturers communicate the contents of our seminars comprehensibly, sustainably and target-oriented. The presentations are always supplemented by practical exercises and exchange of experiences. A detailed documentation is included.

The spacious seminar rooms in the OELCHECK building located in Brandenburg are equipped with the latest technology and allow efficient studies in small groups. Customized seminars with individually adapted focus areas can be held in Brandenburg or at your premises anytime.

Since 2011 OilDoc biannually hosts the OilDoc Conference and Exhibition – the trend-setting international event in the heart of Europe treating all important topics around lubrication, maintenance and tribology.

More information & actual dates:
www.oildoc.com – Phone +49 8034-9047-700



Die OilDoc GmbH ist zertifiziert
nach DIN ISO 29990.

Just some of our satisfied customers

Coming from all industries





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