



PROJECT FUTURE

Sustainable management with OELCHECK



OELCHECK
30 years | 1991 - 2021



Everywhere we look, we encounter the 17 Sustainable Development Goals of the 2030 Agenda. These take into account economic, social and environmental aspects in a balanced way and combine poverty reduction and sustainable development in a single agenda for the first time. It is essential to solve the urgent challenges together and to create a world that is also worth living in in the future. This task concerns all of us, whether it is states, citizens or companies.

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A SCAPEGOAT CAN ALSO
HAVE POSITIVE QUALITIES

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Without doubt: If climate change is to be stopped, it is necessary to turn away from fossil energy as quickly as possible. After all, burning them releases substantial amounts of greenhouse gases and is the main cause of global warming. However, it will not be possible to manage completely without crude oil, because it is found in countless products, from plastics to lubricants. Without lubricants, on the other hand, hardly any engine or machine will function in the future.

Generally labeling lubricants as harmful to the environment since they are largely based on petroleum or materials derived from it is too short-sighted. After all, they protect the lubricated components from wear and thus enable their long-term and sustainable use. On the other hand, the production and use of lubricants also pollutes the environment with CO₂.

Are there positive and negative properties of lubricants at the same time? Which aspects predominate?

It is not possible to completely refrain from using lubricants. However, if carefully planned, their use can be sustainable and as environmentally friendly as possible. As a basic principle, consideration should always be given to how change and relubrication intervals can be extended as long as possible, which lubricants are best suited for this purpose, and how operational reliability and long availability of the plants can be ensured at the same time.

You can determine how successfully you use friction-reducing and energy-saving lubricants in a more sustainable manner and thus significantly reduce your company's carbon footprint at the same time!

We at OELCHECK support you with our expertise and the proven all-inclusive analyses!

A handwritten signature in black ink, appearing to read 'Paul Weismann'. The signature is stylized with a large, sweeping initial 'P' and a long horizontal line extending to the right.

Sincerely, Paul Weismann
Managing Director OELCHECK GmbH



The company founders: Barbara and Peter Weismann

2021 OELCHECK will be 30 years young! In 1991, our business concept was still smiled at by many. However, more and more customers soon recognized the added value of professionally determined analysis values and their targeted diagnosis by a tribologist. Today, our all-inclusive analyses with the limits and warning values defined by us are one of the sharpest weapons to use lubricants and the components they lubricate for a longer time and much more sustainably. In this way, friction, oil and machine costs as well as CO₂ emissions can be reduced, just as they were 30 years ago.

New times, same arguments

We knew right from the start of our company: Only experienced tribologists can use analytics to make lubricants and operating fluids talk! And although "sustainability" was not yet a term in common parlance, it was already one of our key selling points. From the beginning, our maxims were: Only change the oil when the lubricant condition requires it and detect any wear of lubricated components at an early stage. In a nutshell, this still applies today and is more relevant than ever as sustainability.

Customer-oriented and focused on analytics

Over the years, OELCHECK has become the leading laboratory for lubricant and operating fluids analyses in Europe. The "OELCHECK System" with the all-inclusive analysis kits is without equal. Thanks to high customer satisfaction, the growth of our company developed a continuous momentum of its own. In contrast to the laboratories of lubricant manufacturers, we focus solely on our core competence:

The assessment of lubricant and operating fluid samples analyzed in our laboratory.

Our tribologists are constantly optimizing the statements on limit and warning values. The IT staff develops sophisticated procedures for easy sample entry and comprehensive output of analytical values. Our scientific staff, who is also highly appreciated in standards committees, is continuously improving our analytical methods and adapting our equipment to future requirements.

The enduring strength of a family business

OELCHECK is a family business based in southern Bavaria, where two generations of entrepreneurs work together in harmony. Our customers value the constant neutral and independent appearance, which is always competent and customer-oriented. From the beginning, we never thought of short-term success, but rather intergenerational success. Based on our family values, our vast know-how, and the enthusiastic commitment of our long-term employees, we continue to develop new solutions for our customers to improve sustainability while reducing emissions and costs at the same time.

Globalization: We grow with our customers

Many of our customers operate globally and, despite this, benefit from our services in whichever country they use their lubricants. They send their samples to OELCHECK in Germany and always receive the laboratory reports and diagnoses from a single laboratory, prepared by the same team of tribologists. This eliminates deviations and misinterpretations that often occur when the same sample types are tested by different laboratories. These determine values with different devices and, if at all, create assessments by employees with inconsistent levels of knowledge. The globalization of our customers is advancing – and we are also increasingly active for them worldwide.

Monitoring lubricants. Gaining sustainability.

There is hardly a company that is not currently trying to reduce its CO₂ emissions in order to achieve climate-neutral status before 2025 if possible. For this purpose, all emissions and their sources are precisely balanced, reduction strategies are developed and CO₂ certificates are purchased. In the heat of the moment, however, insufficient attention is often paid to one product group: lubricants and operating fluids, which are essential for cars and machines.

At first glance, lubricants seem incompatible with sustainability. They consist mainly of mineral oil refined with additives and synthetic components, but their origin is usually also based on crude oil. CO₂ is released throughout the entire value chain of a lubricant.

But lubricants also have entirely different and indeed positive aspects! They reduce friction, increase efficiency, protect against wear and corrosion, and extend the life of the components they lubricate. According to a study by the Gesellschaft für Tribologie e.V.¹⁾, almost 22 million metric tons of CO₂ could be saved in Germany simply by increasing the use of modern, thinner, multigrade engine oils that reduce friction. This corresponds to 6.4% of the CO₂ reductions expected by the German government by 2030. However, CO₂ emissions should not be considered in isolation. Lubricants also play a decisive role because they have a low-wear lubricating effect on components over a long period of time, thus ensuring the service life of machinery and plants in the long term. The Verband Schmierstoff-Industrie e.V.²⁾ estimates the damage caused by inadequate wear protection in Germany alone at over 30 billion euros. In addition, there are enormous amounts of damage caused by oxidation or corrosion.

Lubricants and operating fluids perform mainly in the background. Although they are mostly invisible and cannot be assigned to a finished product, they make a decisive contribution to conserving resources and reducing CO₂ emissions. It is definitely high time to give them the appropriate status in the minds of their users.



1) GfT Gesellschaft für Tribologie e.V., www.gft-ev.de

2) Verband Schmierstoff-Industrie e.V., www.vsi-schmierstoffe.de



PREMIUM LUBRICANTS CAN DO MORE

Modern premium lubricants may be expensive, but they offer many advantages over conventional products. For example, they can be used for a longer period of time because they are more resistant to oxidation or reduce friction thanks to their lower viscosity. They can be used to increase the energy efficiency of engines and plants and to reduce wear on lubricated components. Overall, they enable a much more sustainable use of vehicles as well as machines and thus a reduction of CO₂ emissions.

These advantages can only be achieved with improved base oils and special additives. Lubricants that can help improve the carbon footprint are mostly based on synthetic components. The main components are fully synthetic or at least hydrogenated mineral oils of Group II or III type. These predominantly low-viscosity base oils reduce friction at the lubrication points, thus lowering energy losses and in turn reducing CO₂ emissions. The reduction in friction, which is additionally enhanced by new types of organometallic additives, also lowers the temperature at the friction point and, in most cases, of the entire oil filling. As a result, the oil is subjected to less thermal stress. Oxidation and oil aging are slowed down. The oil remains usable for a longer time.

OELCHECK ANALYSES FOR A SUSTAINABLY LONG LUBRICANT LIFE



Switching to premium lubricants pays off in many ways. Sustainable, modern lubricants can make a much greater contribution to saving resources, energy and CO₂ emissions. They also significantly reduce operating and maintenance costs. However, these products can only meet the high expectations if they remain in use longer than conventional products. The prerequisite for this is close monitoring of their trend behavior with lubricant analyses. However, OELCHECK does not simply provide the analysis values. The changes in a lubricant are observed and commented on in detail throughout its life cycle, from initial use to necessary replacement.

Before an oil change – the fresh oil check

Based on laboratory values, we can determine whether a lubricant can actually fulfill its manufacturer's promises. This is not just about statements on standard fresh oil values or the assessment of oil purity and water content. We interpret on the basis of spectra, viscosity and element content whether a lubricant can really be capable of reducing friction coefficients and wear in such a way that it will function sustainably over a long period of time even under heavy loads. In the case of oil type conversions, we can also comment on whether the new, sustainable product is miscible and compatible with its conventional predecessor.

After a conversion – the appropriate change interval

Almost all manufacturers specify in their lubricant recommendations which lubricants should be used in their engines or plants and at what intervals they should be changed or relubricated. The recommended change intervals still mainly refer to conventional lubricants. However, their service lives are relatively short compared to premium products. The question of how long a modern premium lubricant can really be employed can be answered by OELCHECK analyses.

During work – the right analysis scope

We have already examined in detail fresh oils from products that are advertised with a claim to reduce the carbon footprint. If one of these products is to be used, we recommend an all-inclusive analysis kit for the upcoming analysis that is suitable for the specific application. There we specify the intervals at which laboratory analyses are to be performed. We then compare the values determined with the initial tests with the fresh oil values and also comment on how the condition of the lubricant is likely to develop.

During the service life – continuous trend analyses

In its use, a lubricant is confronted with individual and often severe operating conditions or strong contamination. OELCHECK's trend analyses accompany it throughout its challenging working life. When examining samples of a lubricant, OELCHECK determines its current condition at any given time and indicates how long it will remain fully functional or when an oil change is due. The lubricant itself also provides indications of contamination or any wear processes on the components it lubricates. Thanks to the comments of OELCHECK's tribologists, necessary maintenance work can be carried out promptly and imminent damage can be avoided.



“The OELCHECK system with the all-inclusive analysis kits has proven itself for 30 years. A uniquely large number of often more than 40 individual parameters is part of the diagnoses of our tribologists. All analytical values are determined exclusively in our laboratory in Brannenburg. Experienced tribologists trained in Germany comment on these values on the basis of their knowledge of machines and lubricants, taking into account the operating time. With the high-quality analyses and our excellent expertise, we make it possible to extend oil service lives. This not only reduces downtime and failure costs that occur during the non-productive time during an oil change. The demand for fresh oil and the quantities of used oil to be disposed of are also decreasing. Our assessments, which are independent of plants and lubricant manufacturers, ensure the use of sustainable premium lubricants and thus create the conditions for their positive contribution to the CO₂ balance to take full effect over a long period of time.”

Stefan Mitterer - Business Director Technical Service & Sales

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NO OTHER LABORATORY**IS AS INNOVATIVE AS OELCHECK!**

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Dr. Thomas Fischer - Scientific Director

"We continue to set new standards in the analysis of lubricants and operating fluids. Dr. Thomas Fischer is the Scientific Director of OELCHECK GmbH and has been with the company since 2004. With his team, he is responsible for monitoring our laboratory equipment and developing new analytical methods.

The OELCHECK laboratory has been accredited with the essential test methods according to DIN EN ISO/IEC 17025:2005 since 2009. In addition, strict corporate standards are used that exceed even ASTM and DIN specifications.



The OELCHECK laboratory covers 2,350 m². More than 130 test devices are currently in use every day. Among them are: 6 infrared spectrometers | 5 ICP spectrometers | 5 gas chromatographs | 7 particle counters | 20 viscometers with constant temperature baths for determining the viscosity at 40 and 100 °C | 22 titrators for determining acid and base numbers.

**MORE THAN 130 TEST DEVICES
AND OVER 100 TEST METHODS**

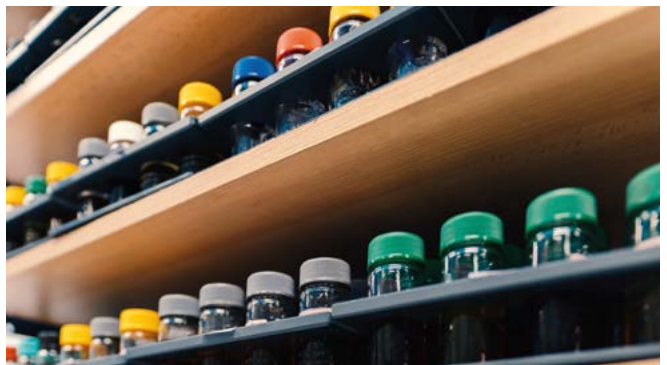
Reliable and fast – that's what OELCHECK customers appreciate about our analysis service. To ensure that the high expectations are always met and the constantly increasing number of samples can also be managed in the future, we continue to invest in the equipment of our laboratory. Every year, about ten new devices are added.

In order to measure up to 2,000 samples per day, most of our devices are equipped with autosamplers. These ensure maximum safety and automatically stop the analysis if the values determined are outside the narrow tolerance limits. They facilitate the work of the OELCHECK laboratory staff and significantly accelerate the analysis process.



**OUR EXPERTISE IS
APPRECIATED INTERNATIONALLY**

OELCHECK is involved in national and international research projects and in standardization circles. Whether it's oil sensors, new test methods or the reprocessing of used lubricants, OELCHECK's expertise is valued. OELCHECK was, for example, responsible for the publication of the standards for the BN/ base number (DIN 516391) and the ipH value (ASTM D7946) in 2014. In the ASTM D02 Committee on Petroleum Products, Liquid Fuels, and Lubricants, we contribute to the evaluation of lubricants in service. And as chairman for titration methods we participate in the committee of DIN EN ISO AA 663, the analysis of used oils.



Under the leadership of Michael Linnerer, the staff of the IT department is responsible for the entire hardware landscape, all application programs, the OELCHECK app 4.0, as well as the oelcheck.com website and the LAB.REPORT customer portal. Our tribologists work with in-house evaluation software specifically developed by the IT department to assist in the evaluation of samples.

A central data protection management system was introduced to ensure the protection of customer data and the OELCHECK database with its more than four million lubricant and operating fluid samples and limit values for over 200,000 machines. All live data as well as the data backups are separated from each other via fire compartments. Backups are available both offline and online so that data is not lost in the event of an emergency.

LIMS - THE DIGITAL OELCHECK MANAGER

Our laboratory information and management system combines a large number of different programs that support and control all procedures and processes within the scope of sample analysis. OELCHECK LIMS is an in-house development. It records all analysis results and controls workflows. LIMS provides for a paperless laboratory, optimizes workflows, and also ensures traceability of each sample and sample data.



Michael Linnerer - Head of IT

“OUR IT DEPARTMENT IS RESPONSIBLE FOR ENSURING THAT THE MANY PROCESSES AT OELCHECK WORK SEAMLESSLY”

READY FOR THE NEXT PROJECTS

A test bench for online sensors

Lubricant analysis can help avoid unnecessary oil changes, costly repairs and downtime. However, each analysis is only a snapshot of the past, because a few hours inevitably pass between sampling and the result. In terms of timeliness, online oil sensors are ahead of the game. However, in combination, laboratory analyses and oil sensors are unbeatable in lubricant and plant monitoring.

At present, the values from the two sources are together hardly systematically interpretable. But OELCHECK is putting a lot of effort into finding a solution!

A specially designed test bench enables the evaluation of almost all currently available online oil sensors, which measure viscosity or temperature, for example, or also count particles. We compare the values determined by the sensors with the laboratory analyses. The results are discussed with leading sensor manufacturers. By combining measurements from online oil sensors and laboratory data, our tribologists will be able to make even more precise diagnoses in the future.

Magnetic resonance methods in oil analysis

Nuclear magnetic resonance (NMR) and electron spin resonance (EPR) are two methods established in medicine and materials research. Together with the Karlsruhe Institute of Technology (KIT), the use of NMR in oil analysis was developed. Starting next year, OELCHECK will offer its customers the concentration determination of active phosphorus-based anti-wear additives in oils using phosphorus NMR. Thus, the content as well as the change of these additives in oils can be tracked.

EPR can be used to analyze oils that have a permanent magnetic moment, such as after oxidation processes. The process is not affected by ester base oil components. It also distinguishes between corrosive and abrasive wear of ferromagnetic elements. OELCHECK is currently working with a well-known equipment manufacturer on the possibilities of integrating this technique into routine analysis.

New method - OELCHECK Friction and Wear

The mechanical load capacity of lubricants under mixed friction conditions is realistically determined in the OELCHECK laboratory, e.g. with the FZG tension testing machine, the four-ball apparatus or the Brugger test device. On the basis of comprehensive series tests, we also test whether there are any runtime-dependent differences in wear or friction behavior with approximately the same lubricant composition. In the future, this information, together with the individual values for the concentration of wear-reducing additives in a sample, will be incorporated into OELCHECK's new friction and wear test procedure. It is still in the development phase. But we expect that with its help, we will be able to more accurately diagnose oil changes that are considered necessary due to the diminishing effect of friction and wear reducing additives.

Data suitable for every system

On request, OELCHECK also supplies the data suitable for the customers' individual data processing systems. The transmission takes place via our mobile app, our customer portal LAB.REPORT, an API interface or an FTP server. The data is then automatically imported into the customer's maintenance program.

We are increasingly expanding our new digital service in order to enable us to supply even more customers with data suitable for their own systems in the future.





THE OELCHECK TRIBOLOGISTS

COMPETENT AND PRACTICE-ORIENTED

from left to right: Matthias Aßmann, Benedikt Fuchs, Christoph Rößner, Dr. Christoph Rohbogner, Daniel Rossow, Rainer Schöpf (not in the picture: Stefan Mitterer, Carsten Heine, Arne Simon, Andy Böhme)

Friction, wear and lubrication – this is what the interdisciplinary science of tribology, a sub-area of mechanical engineering, is all about. Accordingly, OELCHECK tribologists have an extensive knowledge about the materials used to build machines and engines. They are familiar with the correlations in physics and chemistry and can make statements about the structure and application of lubricants and describe their changes. They are also familiar with a wide variety of production processes and the special operating conditions under which engines and plants work.

To ensure that OELCHECK's tribologists can assess each analysis thoroughly and individually, they have developed in-house limit and warning values for what are now more than 200,000 plant types. In doing so, they were able to draw on their expertise and on information from the large OELCHECK database with its values from over four million samples. In the comments of the laboratory values, they do not only address their overall result. The OELCHECK tribologists also make specific recommendations for further action - such as maintenance and care measures.



The sustainable use of lubricants is a central topic at the OilDoc Academy's advanced training events. It is covered in all consultations, seminars, online trainings and workshops.

The OilDoc Academy emerged from a spin-off of OELCHECK and is managed by Petra Bots (daughter of the OELCHECK founders) and Rüdiger Krethe. Rüdiger Krethe is a mechanical engineer and tribologist with more than 30 years of practical experience - including more than 25 years in oil analysis. He has been passing on his extensive knowledge in a practice-oriented manner for more than 20 years. This includes the basic principles of lubrication, the selection and use of lubricants for a wide variety of applications, the fundamentals of oil analysis, and the evaluation of analytical results from lubricant laboratories. Participants in OilDoc Academy training events learn and understand the relationships between lubrication, lubricant monitoring and damage prevention. Thanks to their newly acquired knowledge, they can significantly optimize the sustainable use of their lubricants in practice.

TROUBLESHOOTING AND ON-SITE CONSULTING

If a customer needs individual support or training tailored to his company, OilDoc's experts are also available. Whether it is a question of selecting the right lubricants, drawing up a lubrication plan or optimizing the entire lubricant management, the OilDoc experts work out practical solutions together with the customers.

Even if unusual changes suddenly occur in a lubricant, the OilDoc experts help to determine and eliminate the causes with their on-site troubleshooting service.

LONG OPERATING TIMES AND WEAR IN VIEW

If you want to use a lubricant sustainably and usually for a longer time than recommended by plant manufacturers, you inevitably also have to consider its interaction with the component it lubricates. After all, the long-term use of a lubricant shall never have a negative effect on the condition of the plant and thus on the operational safety or the manufacturer's warranty.

The OELCHECK tribologists therefore do not only consider the usually more than 40 individual values of an analysis alone. In their commentary of a laboratory report, they address wear processes, contaminants such as water or dust, and the overall condition of the lubricant. Increased values for wear metals, for example, indicate wear of components or component damage at an early stage, depending on the operating time. Among other things, possible contamination allows conclusions to be drawn about the effectiveness of filters. Changes in additive concentration may indicate residues from production processes. Viscosity or oxidation indications suggest an excessive operating time, overheating or mixing. All these values influence the service life of the lubricant and the wear behavior of the lubricated components. The condition of a lubricant with its many facets provides information on whether and how long an oil or grease can still be used.



TREND ANALYSES INCREASE THE INFORMATIVE VALUE

If a lubricant from a particular application is examined at regular intervals, the OELCHECK tribologists can make an assessment as part of a trend analysis. If changes in individual values are identified as negative trends, the user can be advised to take suitable measures to counteract the negative trend at an early stage in similar plants.

Thanks to the observation of trends, our tribologists can also advise in a much more targeted manner on individually adapted change or relubrication intervals, improved oil care or even a change of oil type.

Trend analyses are becoming increasingly important. They are not only a decisive instrument for the sustainable use of lubricants, but often also a prerequisite for an extension of maintenance intervals approved by the manufacturer.



CERTIFICATE COURSES NOT ONLY FOR MAINTENANCE ENGINEERS

Since 2012, OilDoc has offered certificate courses that specifically prepare participants for the internationally recognized Certified Lubrication Specialist (CLS) certification and Machinery Lubrication Analyst (MLA I/II) certification. The certificate courses "Professional Lubricant Consultant" and "Professional Lubricant Expert" complete the program. With these courses, OilDoc fills a gap, because practical knowledge about lubricants and their use is hardly taught at vocational and advanced technical colleges in Germany.



THE OILDOC CONFERENCE & EXHIBITION

OilDoc organizes conferences and symposia around the topics of lubrication, maintenance and condition monitoring. The absolute highlight is the international OilDoc Conference & Exhibition in Rosenheim, which takes place every two years. Leading personalities from research and development, experienced technicians and experts in the efficient application of lubricants meet here. The focus is put on new technologies and global trends, such as e-mobility, digitalization and what role lubricants play in reducing the carbon footprint.

www.oildoc.com



RESPONSIBLE

FUTURE-ORIENTED

OELCHECK is the leading laboratory for lubricant and operating fluid analyses. Since 1991, OELCHECK customers around the world have benefited from the unique added value our analyses offer them. We are continuously developing OELCHECK, investing in new breakthrough technologies and optimizing our comprehensive analysis services. We design our internal processes in such a way that they best meet the requirements of the environment, resource efficiency, occupational safety and health protection while taking economic factors into account.

Our corporate strategy is consistently oriented toward the principle of sustainability. In this context, ecologically and socially oriented goals are crucial components of our strategy. We are aware of: Sustainable value creation can only result from the interaction between people, the environment and the economy.

INVESTING IN THE FUTURE

OELCHECK has a solid economic foundation that is being continuously expanded.



We were able to move into our third building in the spring of 2021. With its approx. 2,000 m², it is the largest at our Brannenburg/Upper Bavaria site. The completion was necessary as not only the number of employees in our company continues to grow dynamically, but also the number of laboratory devices is constantly increasing. The new building freed up an additional 350 m² for our laboratory in the OELCHECK building at Kerschelweg 28. Now the OELCHECK laboratory covers a total of 2,350 m² with its more than 130 testing devices. An order of magnitude designed to meet the space needs of the coming years.

OELCHECK's digital data world is constantly being optimized and expanded. OELCHECK customers no longer want to be without our digital services.



The free OELCHECK app 4.0 offers them an easy way to enter sample data. Our OELCHECK customer portal LAB.REPORT contains plenty of monitoring and control processes and has proven itself many times over.

By means of API interface or FTP server we transfer data suitable for the individual data processing systems of our customers. A new digital service that we will be expanding significantly in the near future.





Customers in many countries around the world use the lubricant and operating fluid analyses from the OELCHECK laboratory in Germany. They appreciate the consistently high quality, services and speed of the market leader. Samples from abroad arrive daily with express shipping. They are all analyzed exclusively in our laboratory in Brannenburg and evaluated and commented on by our tribologists.

We are continuously expanding our company's international presence. Exclusive agents of OELCHECK are active in China, Russia, India, Uruguay, Brazil, Argentina, Sweden, Norway, Ukraine and Romania. They advise customers competently in the respective national language and sell our all-inclusive analysis kits. More Exclusive Agents are being added on an ongoing basis.

ONE TEAM – ONE ENVIRONMENT

We do everything in our power to reduce any environmental impact of our company and, if possible, to avoid it altogether. Responsible use of resources is not only part of our corporate policy, but a concern of the entire OELCHECK team.



With our environmental management system in accordance with DIN EN ISO 14001, we have already been ensuring since 1999 that we regularly monitor any environmental impact of our activities. OELCHECK is also taking part in the Bavarian Environmental and Climate Pact. The basic idea is that the natural foundations of life can be even better protected with the help of voluntary cooperation between the state and the industry. Our commitment to operational environmental protection and sustainable management since 2017 has been officially documented with the "Bavarian Environmental Pact" certificate.

OELCHECK operates as energy self-sufficient as possible. Photovoltaic systems are installed on all our buildings, including the new office and administration building. Since 2010, these have generated more than 650,000 kWh from solar energy, covering a large portion of our needs. Since 2021, we have been procuring the additional electricity we need exclusively from renewable energy sources such as solar energy, wind power and hydropower.



Electricity also plays a role in our vehicle fleet. Whether management, customer advisors or facility managers - almost all of them are already on the road with e-cars. If further distances have to be covered, rail travel is used wherever possible, and unavoidable air travel is compensated for.

Our actions are not shaped by a short-sighted zeitgeist, but by sustainability. This applies in particular to the economical use of resources. In order to protect the environment, we reduce environmental pollution from chemicals, solvents, plastics and waste. The entire OELCHECK team contributes to environmental protection in their daily work. Time and again, our employees identify further potential for improvement. For example, during the regular review of work processes, it was discovered that plastic containers were being used for the analysis of coolants in the laboratory and were being disposed of as waste. Thanks to a suggestion from two employees, glass jars are now in use. These can be rinsed without residue, dried and repeatedly used.



LIVED RESPONSIBILITY

For us, sustainable action also means assuming social responsibility for people and society. Priority is given to our employees.. Their safety, health and satisfaction are paramount. In our region, however, OELCHECK is not only appreciated as an employer, but beyond that also for its great social commitment. For years, we have supported many institutions and non-profit associations in our immediate vicinity with our fundraising campaigns.



When it was founded in 1991, OELCHECK had just two employees (Barbara and Peter Weismann). Today there are more than one hundred. Although OELCHECK has developed dynamically over the past 30 years, it has nevertheless remained a family business in which great value is placed on employee-friendly and appreciative cooperation. For our employees, OELCHECK is an employer characterized by high social benefits. This includes extensive training opportunities and comprehensive measures for workplace health promotion, such as a fitness room and workout programs. The workplaces are ergonomically and aesthetically designed and equipped with all the necessary tools and aids to optimally perform the respective task.

Equal opportunities are a top priority at OELCHECK, regardless of origin and gender. Our employees represent eleven different nationalities. We all live a sense of community in our regular team events as well as in our daily interaction - just the way it should be in a family business.

Our new cafeteria with its modern, inviting design has been in operation since 2020. This is where our employees meet for a healthy lunch, financially supported by OELCHECK, and during breaks. Fresh food is cooked daily and only using regional products.

From 2022 on, OELCHECK employees will be able to use business bikes for trips to work and for private journeys. In this way, we are promoting alternative mobility and at the same time we are helping to reduce CO₂ emissions.



Support that counts! Instead of presents for customers and business partners, OELCHECK awards annual donations to various projects in our home town of Brannenburg. Whether at Christmas or over the course of a year, OELCHECK provides targeted support to many local institutions and non-profit associations. Children and adolescents benefit from this just as much as senior citizens and fellow citizens who are dependent on help. Whenever possible, we also pay attention to the aspects of sustainability and environmental protection in our fundraising activities. For example, a playground was equipped with wooden play stations and the leasing costs for an electric car were covered. This zero-emission vehicle will provide mobility for seniors and people with disabilities in our community.





ENVIRONMENTAL AND CLIMATE PROTECTION:

NOW IS THE TIME TO ACT!

There is already far too much CO₂ in the air! It is up to all of us to stop this process. In line with the motto "Capture - Avoid & Reduce - Compensate", companies are also called upon to do their part. Compensating CO₂ emissions through compensatory payments makes perfect sense. After all, without them many climate protection projects could not be realized. However, compensation alone is not the solution. The most important thing is to reduce and avoid CO₂ emissions!

In 2019, the year before the pandemic, one million tons of lubricants¹⁾ were used in Germany alone. Their production, use and disposal has released thousands of tons of CO₂. Most of the lubricants in use today are still conventional mineral oils. It is high time for the increased use of synthetic, friction-reducing premium products.

If these are also monitored by regular analyses, they can be used to achieve significantly longer service lives than is currently possible with conventional products. Resources would be conserved and the environment would be significantly less polluted. The reduced friction losses and longer oil change intervals would save enormous amounts of CO₂.

Thanks to the use of innovative lubricants in combination with our oil analyses, which accompany them throughout their entire life cycle, a major contribution could be made to environmental and climate protection.

We are ready!
Join us!

1) Statista GmbH, www.statista.de

BENEFITS AT A GLANCE



Quality



Speed



Expertise



Experience



Customer focus



Innovation



Individuality



Independence



All-inclusive analysis kit



Internationality

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