

CASTROL LABCHECK

FLUID MONITORING FOR OPTIMUM PERFORMANCE

MONITOR

YOUR ADVANTAGE IN AN INDUSTRIAL WORLD





PROBLEM SOLVING

CASTROL LABCHECK - STANDARD

Routine laboratory analysis supported by specific technical recommendations stored and accessible online. Provides assurance that the fluid is maintained within agreed control limits.

CASTROL LABCHECK - ADVANCED

Offers a more comprehensive insight into fluid condition by monitoring a wider range of critical parameters to enhance your system or machinery performance.

CASTROL LABCHECK IS CAREFULLY MATCHED TO YOUR EXACT NEEDS

We recognise that manufacturing needs and service requirements differ between industries and customers. Some need assurance that their product is suitable for continued use, while others want a more complex monitoring programme to match their maintenance strategies. So we have created two levels of Castrol LabCheck for greater customer flexibility. In both cases, we will consult with you to understand your specific needs before agreeing the service level and sample programme that best suits your plant.

Castrol LabCheck's expertise goes beyond sample testing. Our technical teams have field operational experience throughout manufacturing industries. We recognise and solve problems for customers globally. This knowledge, expertise and capability is made available to you on a local basis through the Castrol LabCheck service.

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CASTROL LABCHECK FLUID MONITORING FOR OPTIMUM PERFORMANCE

Fluid analysis reveals key information about the condition and performance of products and equipment. An effective monitoring programme helps avoid unnecessary system changeovers and machinery failures which improves productivity and performance.

Regular analysis highlights trends within the fluid, identifies potential problems and optimises equipment maintenance plans. Castrol LabCheck embodies our unique ability to intelligently interpret the analysis and deliver higher quality information on performance parameters.

CASTROL LABCHECK IS YOUR ACCESS TO A GLOBAL KNOWLEDGE BASE

Over 100 years of lubricant and metalworking fluid development has given Castrol LabCheck the skills and experience to offer analysis services for the broadest range of products. Castrol LabCheck laboratories share the same high quality testing and analysis methods that are used in Castrol's product manufacturing controls worldwide.



OPTIMISING PERFORMANCE

WHY CASTROL LABCHECK WILL WORK FOR YOU

LUBRICANTS

- Comprehensive monitoring plans help increase machinery availability and reliability
- Monitoring oil and machine condition by running a series of tests permits more effective and optimised oil change frequency
- Regular analysis helps identify trends within the fluid which can then provide early indication of potential problems

METALWORKING FLUIDS

- Control of metalworking fluids ensures optimum performance and increases process efficiency
- Analysis of physical and chemical properties monitors parameters that influence system performance
- Regular monitoring controls unwanted microbial growth and maintains a healthy workplace

Measured parameters can be presented graphically for ease of interpretation and identification of trends



SAMPLING PROCESS



HOW CASTROL LABCHECK WILL WORK FOR YOU

- **SURVEY**

A survey identifies key equipment and systems that will benefit from regular monitoring and recommends a detailed testing schedule which includes sampling frequency and control limits

- **SCHEDULE SET-UP**

Process, product and system details are registered under a unique customer number

- **SAMPLE KIT DELIVERY**

A sample kit contains sample bottles, labels which are pre-typed with a unique customer number, sampling procedures and best practice advice, as well as a guide that will help you interpret your laboratory report

- **SAMPLING**

Following the schedule, a sample is taken and sent to the Castrol laboratory with any relevant paperwork

- **ANALYSIS REPORTED ONLINE**

Reports containing the analyses and technical interpretation will be uploaded to Castrol LabCheck's online web-based system for customer retrieval



ANALYSIS RESULTS



THE BETTER YOUR SAMPLING TECHNIQUE, THE BETTER YOUR RESULTS

Castrol LabCheck will recommend a suitable and safe sample point for each machine or system. To give consistent results, it is vital that samples are representative of the fluid being tested.

In order to achieve this, and increase reliability, it is recommended that a consistent sampling method is always used, preferably by trained personnel.

BRINGING YOU THE BENEFITS OF FLUID ANALYSIS ONLINE

- All reporting information is available for tracking and monitoring performance
- Choice of reporting methods – from traffic light warnings to straightforward data only
- Following the fourth routine sample, results will be trended and available graphically for easier reference
- Retrieval of reports online as soon as Castrol LabCheck analysis is completed
- Trending specific parameters will provide better overview of system and/or machine performance
- Choice of formats for file download
- Technical recommendations will be given whenever analysis results are outside the agreed limits
- All reports (current and historic) are stored in one easily accessible location

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