



OIL ANALYSIS SERVICES
TRANSFORMING EQUIPMENT MAINTENANCE
THROUGH ADVANCED OIL ANALYSIS



LEADING THE WAY
IN ASSET INTEGRITY MANAGEMENT & INDUSTRIAL SOLUTIONS

www.dgc-africa.com

SOUTH AFRICA

ZAMBIA

DEMOCRATIC REPUBLIC OF CONGO

MADAGASCAR

ZIMBABWE

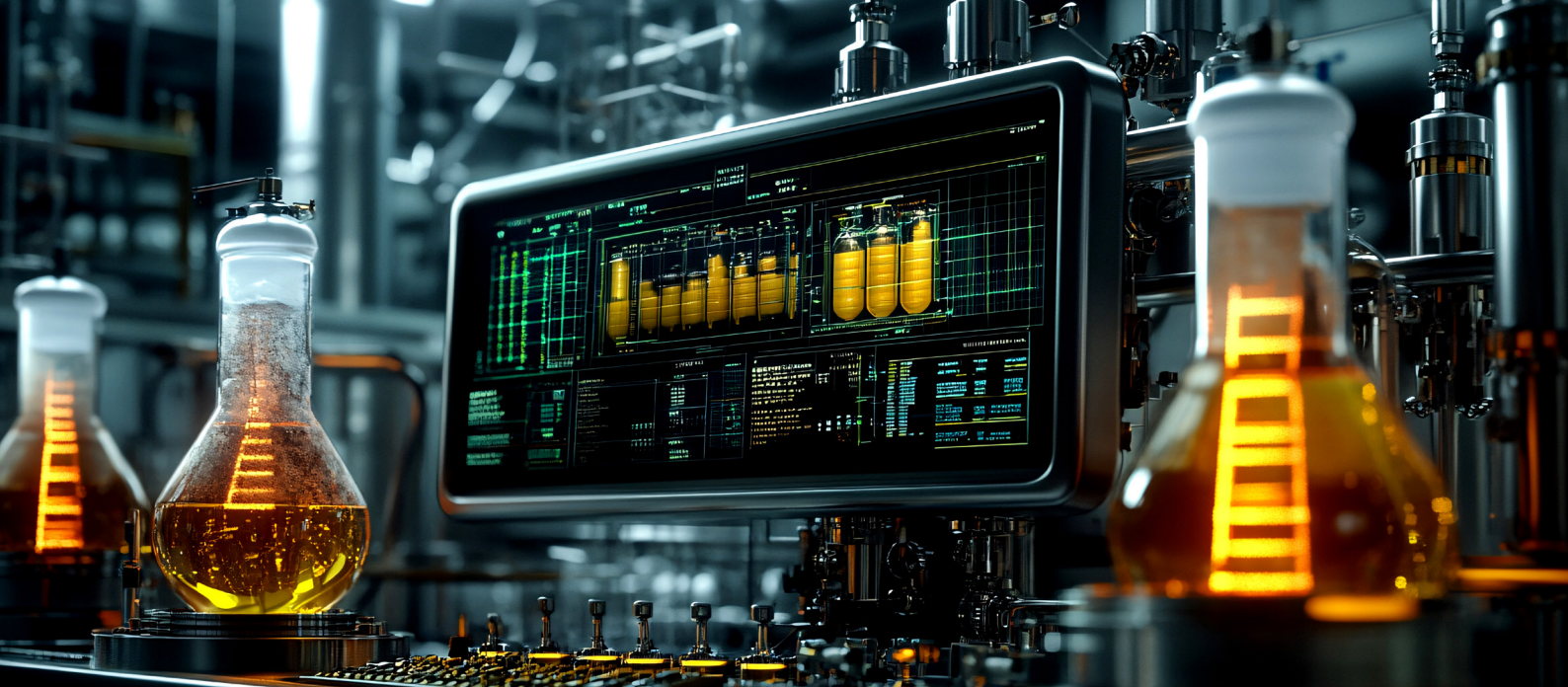
BRAZIL

CHINA

OIL ANALYSIS SERVICES



DGC AFRICA stands at the forefront of asset integrity management and industrial solutions across Africa, with a rich history of delivering exceptional services to the mining and metallurgical sectors. Our deep understanding of African industrial operations, combined with extensive technical expertise, has established us as a trusted partner for companies seeking to optimize their equipment reliability and performance.



In partnership with Oilwatch Laboratories, a leading independent analytical laboratory with 15 years of specialized experience, we bring world-class oil analysis services to sub-Saharan Africa.

THIS POWERFUL COLLABORATION COMBINES
**DGC AFRICA'S COMPREHENSIVE
INDUSTRIAL KNOWLEDGE**
WITH OILWATCH'S TECHNICAL
EXCELLENCE IN FLUID ANALYSIS,
CREATING AN UNPARALLELED
SERVICE OFFERING
FOR OUR CLIENTS





KEY PARTNERSHIP STRENGTHS

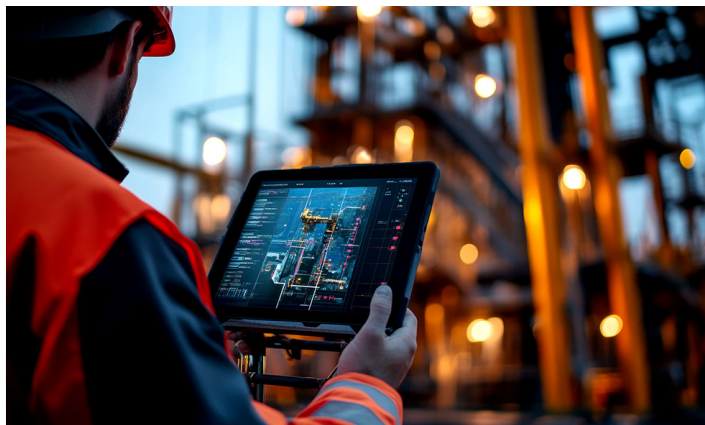
- Extensive African mining and industrial expertise
- ISO 9001:2015 certified laboratory processes
- Comprehensive regional support network
- Advanced analytical capabilities
- Deep industry relationships

UNDERSTANDING YOUR EQUIPMENT'S HEALTH

Modern industrial equipment represents a significant investment, and its reliability is crucial to operational success. Just as medical professionals use blood tests to assess human health, our advanced oil analysis provides vital insights into your equipment's condition. Through comprehensive testing and expert interpretation, we help you understand exactly what's happening inside your machinery, enabling proactive maintenance decisions that protect your assets.

Our analytical approach combines traditional laboratory excellence with cutting-edge monitoring capabilities, delivering actionable insights that help you:

- Prevent unexpected failures
- Optimize maintenance intervals
- Extend equipment life
- Reduce operating costs
- Improve reliability



ADVANCED LABORATORY SERVICES

IN OIL ANALYSIS TECHNOLOGY



**OUR STATE-OF-THE-ART
LABORATORY SERVICES
HARNESS THE LATEST
ADVANCEMENTS IN
OIL ANALYSIS
TO PROVIDE COMPREHENSIVE,
RELIABLE INSIGHTS
INTO YOUR EQUIPMENT'S HEALTH**



Designed with advanced analytical tools and rigorous quality standards, our facility delivers precise results across wear metals detection, contamination levels, oil condition, and additive depletion, giving you the confidence to make informed maintenance decisions.

STANDARD ANALYSIS PACKAGE

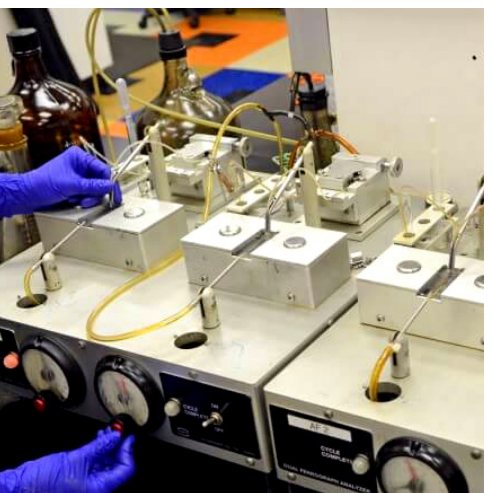
Our core testing package provides essential insights through:

- Comprehensive wear metal detection
- Detailed contamination analysis
- Additive package monitoring
- Viscosity measurement
- Particle counting
- Oil condition assessment

ADVANCED DIAGNOSTIC CAPABILITIES

For more complex issues or critical equipment, we offer advanced testing options including:

- Analytical ferrography
- Karl Fischer water analysis
- Total base and acid number testing
- Particle morphology studies
- Filter analysis
- Specialized contamination testing



SUPPORTING

MULTIPLE INDUSTRIES

Understanding that different industries face unique challenges, we tailor our analysis programs to meet specific operational requirements. Our experience spans multiple sectors, allowing us to provide targeted solutions that address your particular needs.



MINING OPERATIONS

The demanding nature of mining operations requires specialized attention to equipment health. Our programs help mining companies maximize equipment availability while minimizing maintenance costs.

We provide comprehensive analysis for:

- Underground machinery
- Surface mining fleets
- Processing equipment
- Support systems
- Auxiliary units

INDUSTRIAL APPLICATIONS

Manufacturing and processing operations benefit from our detailed understanding of industrial equipment requirements.

We support:

- Processing plants
- Power generation systems
- Manufacturing equipment
- Material handling systems
- Utility equipment

QUALITY THROUGH EXPERIENCE

Quality stands at the heart of everything we do. Our ISO 9001:2015 certified processes ensure consistent, reliable results you can trust to make critical maintenance decisions. Every sample receives the same meticulous attention to detail, from collection through analysis and reporting.

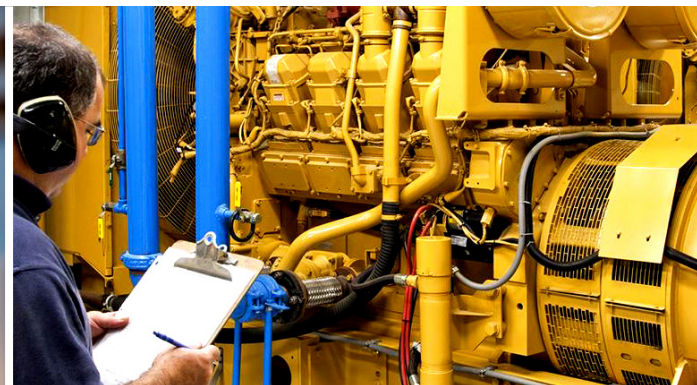
Our commitment to quality is demonstrated through:

PROFESSIONAL EXCELLENCE

- Qualified laboratory managers and technicians
- Continuous staff training and development
- Regular proficiency testing
- External quality audits
- Advanced analytical equipment

TECHNICAL EXPERTISE

We maintain a team of experienced professionals who understand both the technical aspects of oil analysis and the practical challenges of maintaining industrial equipment. Their expertise ensures you receive not just data, but actionable insights that drive real maintenance improvements.



CLEAR, ACTIONABLE REPORTING

Understanding that clear communication is crucial, we've developed comprehensive reporting systems that present complex technical data in an accessible format. Each report provides detailed analysis along with clear recommendations for action, ensuring you can quickly understand and respond to any issues identified.

Our reports include:

- Comprehensive analytical results
- Trend analysis and historical comparison
- Expert interpretation of findings
- Specific maintenance recommendations
- Priority action items

CONTACT US FOR A PERSONALISED CONSULTATION

Transform your maintenance program with our professional oil analysis services.
Contact our team to discuss your specific requirements

**EXCELLENCE IN EQUIPMENT RELIABILITY
THROUGH ADVANCED OIL ANALYSIS**

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