

Shell  
Lube**Analyst**

Monitor, benchmark,  
improve and save



Shell Lubricants



# Shell LubeAnalyst

## oil and equipment condition monitoring service:

### Discover how to improve equipment reliability and save money on your maintenance

Shell LubeAnalyst is a health check for your lubricants and machinery. It is an oil condition monitoring service which helps you to keep your business running smoothly by identifying potential oil or equipment failures before they become critical.

Shell LubeAnalyst will help your business to save money and time on maintenance and potential lost production caused by equipment failures. It is an early warning system which aims to give you peace of mind knowing that both your equipment and lubricants are in optimum working order.

### Who benefits?

Just about anyone who needs fast and accurate information regarding lubricant serviceability and equipment condition can benefit from the service. Shell LubeAnalyst has tailored solutions for all applications that utilise lubricants in industrial and transport equipment.

*Using Shell LubeAnalyst can give you a unique and early insight into the condition of lubricants and help to predict potential equipment faults, saving you time and money.*

### Specialised tests exist for all key applications including:

- Engines
- Transport gearboxes
- Transmissions
- Axles
- Hydraulics
- Industrial gearboxes
- Gas engines
- Compressors
- Metalworking equipment
- Circulating systems
- Turbines
- Heat transfer systems
- Transformers
- Refrigeration compressors
- Coolant systems
- Marine
- Aviation

For these applications you can choose from a standard cost-effective all-inclusive service through to a tailor-made advanced service.



Drop in the viscosity and low flashpoint are characteristic of fuel dilution. High iron and copper contents indicate an abnormal wear.

Check the condition of injectors and advise investigation into possible source of fuel leak.

We also advise an oil change after investigation.

### Shell LubeAnalyst report

Shell LubeAnalyst reports provide a detailed analysis of your equipment. Not only will you receive the test results, you will also get a diagnosis which explains the different values and gives advice specifically tailored for your machinery. After sending the second sample for testing, you will receive graphs showing the trends for each test element.

## Five simple steps

to the Shell LubeAnalyst equipment condition monitoring service

- 1 Register your customer details and equipment components with Shell LubeAnalyst
- 2 Take oil samples from your equipment and label them
- 3 Send the samples to one of Shell's accredited laboratories
- 4 Your samples are tested, analysed and entered into our global database
- 5 You'll receive your report via email/the web and see the diagnosis and recommendations



## What are the benefits?

- Reduces your downtime and lost production
- Enables you to spot potential problems at an early stage
- Allows you to plan and schedule maintenance in advance
- Helps you save money
- Lowers repair and labour costs
- Allows you to optimise maintenance intervals
- Allows you to potentially extend oil drain intervals
- Aims to offer you peace of mind
- Reassurances of the condition of the oil
- Shows the condition of the equipment

## The Shell difference

Shell Lubricants have more than 50 years' experience in oil condition monitoring in over 46 countries – and we are extending our global reach every year. We have a co-ordinated global network of accredited laboratories which operate using a single IT platform unique to Shell. This ensures our customers receive a consistent quality service, and enables us to accurately benchmark their equipment against the industry standard as well as within their global operations. With more than 750,000 samples processed at Shell laboratories annually, our extensive historic database offers an invaluable source of information for analysing equipment performance.

### We offer:

- A consistent, reliable service delivered globally
- Highly qualified diagnosticians
- Excellent laboratory equipment
- Comprehensive reports, diagnosis and recommendations
- Quick turnaround
- Confidentiality



# Shell LubeAnalyst benefits at a glance

Analysis of used oil is widely acknowledged as a key tool in the armoury of preventative and predictive maintenance tools. Many leading companies utilise Shell LubeAnalyst as an important part of their planned and predictive maintenance strategy.

- Greater equipment reliability and reduced downtime expected through early diagnosis of potential faults
- Quick and timely results
- Lower machine repair costs
- High standards of safety
- Precise monitoring of operating efficiency

## The most important opinion What our Shell LubeAnalyst Customers say:

“With Shell LubeAnalyst we have a highly systemised preventative maintenance plan which has resulted in plant failures virtually being a thing of the past.”

“Before using Shell LubeAnalyst we were often unaware of gearbox problems until the damage was done. Thanks to Shell LubeAnalyst we can now effectively monitor the condition of the gearboxes to prevent expensive machine failure and downtime.”

### **20% savings at South American Gold Mine**

When the maintenance team at a South American gold mine was experiencing difficulties optimising the mine’s heavy equipment, Shell’s investment in lab equipment at this remote mine gave the operator access to fast turnaround oil analysis results. The operator’s on-site team was able to collect 600 samples per month from the mine truck fleet for analysis by Shell’s experts.

The efficient provision of vital management information enabled the operator to extend oil drain intervals from 300 hours to 520 hours, while reducing maintenance costs by 20%.

## Find out more - talk to Shell Lubricants

Please contact your local Shell Lubricants representative for delivery of a first-class, national and global integrated lubricants service. The Shell Lubricants Services offer also includes **LubeMatch**, **LubeAdvisor**, **LubeExpert**, **LubeCoach**, **LubeClinic**, **LubeVideocheck**, **LubeReclaim** and **LubePlanner**.

‘Shell Lubricants’ refers to the various Shell companies engaged in the lubricants business.



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