# Oil Analysis Services

WEARCHECK™ OIL ANALAYSIS SERVICES ALLOW YOU TO EASILY MONITOR THE CONDITION OF YOUR LUBRICATED EQUIPMENT AND TO MEASURE THE SUCCESS OF YOUR LUBRICATION MANAGEMENT PROGRAM.

## BENEFITS

**Reduce Maintenance Costs**
Your primary concern as a business is to be profitable. All too often, these days, this requires an increase in profit through a reduction in costs. A well run condition monitoring program will achieve a substantial reduction in manufacturing costs.

**Detect Oil Degradation & Contamination**
WearCheck's oil and wear particle analysis packages offer you condition monitoring for your industrial systems. Save money by maximizing your oil change out intervals. Detection of ingress of contaminants from the manufacturing environment, including process contaminants, dirt, and water alerts you in time to perform filtration service, saving the oil and avoiding unnecessary wear.

**Reduce Unnecessary Downtime**
By detecting contamination in time to take corrective action your maintenance team can prevent the equipment failures that cause unscheduled stoppages to production. Oil analysis is the tool that tracks the condition of your lubricated equipment and grants you the peace of mind that lubrication-related failures will be detected and elminated.

**Track Your Progress**
The data provided by WearCheck's oil analysis program, and the management reporting tools available within WebCheck™ give you the means to chart the success of your Lubrication Management Program. Oil analysis will allow you to first set appropriate targets for contamination and wear levels, and then monitor your maintenance programs ability to meet those goals.

## OVERVIEW

- Reduce Maintenance costs by safely extending oil drain intervals.
- Reduce Maintenance costs by being alerted to oil contamination in time to take action and save the oil.
- Reduce downtime by being alerted to severe oil conditions and wear problems before equipment fails.
- Use the data oil analysis provides to set lubrication management targets and to track progress towards these goals.


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PROACTIVE LUBRICATION MANAGEMENT

# Lubrigard
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## SERVICES

**WebCheck™ Internet based oil analysis software**, is WearCheck's premier on-line oil analysis system and is included at no extra charge with all WearCheck Oil Analysis Kits. WebCheck gives Plant Managers the tools to manage their oil analysis program

**WebCheck Equipment Manager**
Allows the customer to register sampling points, store detailed equipment information and images, to select testing packages by equipment, and to schedule and track oil analysis sampling.

**WebCheck Explorer**
A powerful tool to monitor your oil analysis program that includes functions to track oil analysis samples, print sample reports, graph oil analysis data, schedule maintenance actions, provide maintenance feedback information and communciate oil analysis results to other WebCheck users.

**WebCheck Sampling Scheduler**
Allows the customer to enter sample scheduling information into the WebCheck Equipment Manager. Once an equipment schedule is set-up WearCheck will deliver pre-labelled oil analysis kits just-in-time for sampling on all equipment in the program.

**Management Reporting**
The WebCheck reporting module allows customers to track the success of their oil analysis program through detailed management reports and summaries.

## STANDARD CARTONS OF KITS

**Each oil analysis carton includes:**
12 oil analysis sample kits
3 courier forms for sample return

**Each oil analysis sample kit includes:**
Sample bottle
Sample Information Form
All testing as outlined below
Sample diagnosis and recommendations

### Carton of Routine Oil Analysis Kits [LGIND2]

IND II

**Wear**
ASTM D5185 - ICP Spectroscopy
WC Method - *Particle Debris Filter
**Contamination**
ISO 4406 - **Particle Count
ASTM D4377 - *Karl Fischer Water Determination
**Fluid Degradation**
ASTM D664 - Acid Number (AN)
ASTM D445 - Kinematic Viscosity (40°C)

### Carton of Advanced Oil Analysis Kits [LGIND3]

IND III

**Wear**
DR-Ferr - Direct-Reading Ferrography
A-Ferr - Analytical Ferrography
ASTM D5185 - ICP Spectroscopy
WC Method - *Particle Debris Filter
**Contamination**
ISO 4406 - **Particle Count
ASTM D4377 - *Karl Fischer Water Determination
**Fluid Degradation**
ASTM D664 - Acid Number (AN)
ASTM D445 - Kinematic Viscosity (40°C)

* this testing is only performed when other routine testing warrants.
** this test is performed on filtered systems or by special request.

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