WEAR CHECK® AFRICA

A member of the Set Point group

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MOBILE EQUIPMENT OIL SAMPLE SUBMISSION FORM

Every sample has a unique seven digit number followed by two check digits. It is IMPORTANT to ensure that this number and the bottle number are the same

It is VITAL that you have the number ready if you have any queries about a sample

Your WEARCHECK computer code (6 characters) links your contact details to this sample

Permits an alternate ID for a machine or vehicle

Name of the type of component sampled

Total machine hours or km

Circle Yes / No if filters were changed when the sample was taken

Oil consumption since last oil change NOT to include the sump capacity when filled. If exact consumption is unknown give an indication as to whether it is normal or high

Allows the customer to reference a works order to a particular service or action - this number will be recorded on the report

ONLY when registering a component for the first time or when the details have changed

Components make and model:
Full details eg.Allison HD4560 - particularly important for engines, gearboxes and transmissions

Sump capacity of the component

Type of coolant used in the cooling system

Wearcheck's quality system

Your company name and telephone number

To identify what machine the sample comes from

Where the machine is working

The date the sample was taken

IMPORTANT
How long has the oil been in use - in km or hours?

Circle Yes / No if the oil was drained when the sample was taken

Brief comments or mention special circumstances that may have relevance to the analysis and diagnosis

Indicate the service meter reading when the component was replaced or overhauled ONLY if applicable

Vehicle make and model - full details eg. Bell B40D

The FULL name of the oil used in this component eg. Shell Rimula Super 15w40

Type of supplemental oil additive - if one is used

SAMPLE NUMBER	1931682 25

Customer name / Phone number	
Your WEARCHECK computer code	
Fleet or plant number	
Registration or serial number	
Site	

SAMPLE DETAILS

Component type (eg. engine)		
Date of sample		
Service meter reading	Hours	
	Km	
Period oil in use		
Has this oil been drained? (Mark the appropriate box)	YES	NO
Have the oil filters been changed? (if applicable)	YES	NO
Oil consumption	Litres | Normal | High | Excessive	
Comments or special cicumstances:		
Job number		
Service meter reading when component is replaced or overhauled	Overhauled Km / Hours	
	Replaced Km / Hours	

SHADED AREAS - IF NEW OR CHANGED DETAILS

Component make & model (eg. Mercedes Benz 2632, Caterpillar D9H)	
Chassis make & model (eg. A.D.E 407T, Fuller RT 12509)	
Oil brand, type & grade (eg. Castrol Turbomax)	
Oil capacity	Litres
Oil additive? (state brand)	
Radiator additive? (state brand)	

NOTE:
IF ALL THE RELEVANT INFORMATION IS NOT SUPPLIED WITH THE SAMPLE AN ANALYSIS WILL BE CARRIED OUT BUT NO RELIABLE DIAGNOSIS CAN BE GIVEN

REMEMBER
The more information you supply, the more effective the diagnosis will be.

WEARCHECK AFRICA IS AN ISO 9001:2000 REGISTERED COMPANY
QUALITY FORM: W14 / REVISION DATE: NOVEMBER 2003

IMPORTANT POINTS TO CONSIDER
WHEN FILLING IN THE SUB FORM

1. Fleet or plant number
It is important to name equipment in a consistent manner. If a bulldozer is called BD1, and then called CAT1, then the sample history will not tie up.

2. The period the oil has been in use (POIU)
Once a vehicle has been correctly identified, the POIU is the most critical information required. This determines how much wear and contamination is to be expected in the oil. In theory, if the oil has been in use for twice as long, then twice as much wear and dirt should be evident. Please try to give this information in hours or km.

3. Comments or special circumstances
The more information supplied to Wearcheck, the more accurate the diagnosis will be. Please make a brief comment on anything that you feel might be relevant, and mention any faults identified during maintenance, eg. faulty ducting pipes or blocked filters.

4. Component replacement or overhaul
It is useful to know the SMR when components are replaced or rebuilt. New or overhauled components generally show higher wear readings. Knowing the unit is new allows us to say things are normal for a unit bedding down, rather than making the report actionable.

5. Vehicle and component makes and models
The make and model of a piece of equipment is very important as different machines behave in different ways and have different wear profiles. The component make and model also needs to be known; the engine in a Bell truck could either be a Deutz, ADE or Mercedes Benz.

6. Oil brand and grade
Knowing what oil should be in use allows us to detect top-ups and usage of incorrect products. This may indicate a maintenance problem or oil transfer. It is easy to determine if the incorrect oil is in use but it is very difficult to identify a product if no information is given as many oils look very similar.

7. The sample number
This is a unique ID that identifies your oil sample. Please ensure that the number on the sub form and the bottle are the same. Also have this number ready if you want to inquire about a sample. There are over four million samples on the Wearcheck database and 35 000 are analysed each month, so finding your results without a sample number may be impossible.

8. Component description
As with the fleet number, make sure this is consistent. If a final drive is submitted as a planetary gear, then this will be logged as a separate component and the history will not tie up.

9. Oil consumption
Often this is difficult or impossible to record but even an indication of normal or high is helpful. Topping up with fresh oil dilutes the wear and contaminant levels and can cause an abnormal situation to look normal.

USEFUL SAMPLING ACCESSORIES

Heavy Duty Metal Oil Sample Extraction Pump

Product code: WISP

Application:
This robust metal pump is specifically designed for taking oil samples from engines through the dipstick or from any other compartment.

Description:
It is supplied with a rinse bottle and 3 lengths of hard nylon tubing for sampling on all compartments (4mm, 6mm and 8mm diameter tubing).

High Pressure Sampling Valve

Product code: WHPV

Application:
This valve offers ease of operation and is used on high pressure systems.

Description:
It is sold as a single unit and is compatible with the high pressure sampling valve connector below (details on request).

High Pressure Sampling Valve Connector

Product code: WVCG

Application:
This 'quick coupler' connector enables oil samples to be taken from high pressure systems.

Description:
It is sold as a single unit and is compatible with the high pressure sampling valve above (details on request).

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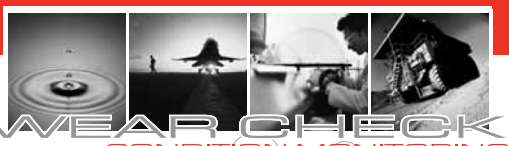

How to fill in a

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Submission Form