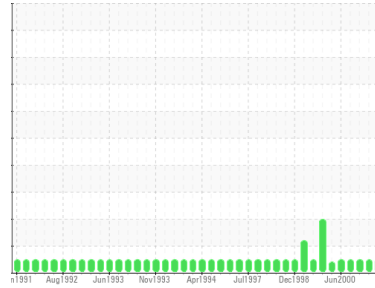




# OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area  
**Hydraulics**  
 Machine Id  
**PRESS #2**  
 Component  
**Hydraulic System**  
 Fluid

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please provide more complete information on your next sample.

### Wear

An increase in the copper level is noted. The direct-reading & analytical ferrographic results are normal indicating no abnormal wear in the system.

### Contaminants

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

### Oil Condition

The condition of oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC23001055</b>	WC	WC0072842
Sample Date	Client Info		<b>10 Jul 2003</b>	31 Jan 2001	25 Oct 2000
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		<b>NEG</b>	NEG	NEG

## SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color				<i>no image</i>	<i>no image</i>
Bottom				<i>no image</i>	<i>no image</i>



# FERROGRAPHY REPORT

Area  
**Hydraulics**  
 Machine Id  
**PRESS #2**  
 Component  
**Hydraulic System**  
 Fluid

FERROGRAPHY	method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10	ASTM D7684*	1	1	1
Ferrous Sliding	Scale 0-10	ASTM D7684*			
Ferrous Cutting	Scale 0-10	ASTM D7684*			
Ferrous Rolling	Scale 0-10	ASTM D7684*			
Ferrous Break-in	Scale 0-10	ASTM D7684*			
Ferrous Spheres	Scale 0-10	ASTM D7684*			
Ferrous Black Oxides	Scale 0-10	ASTM D7684*	1	1	1
Ferrous Red Oxides	Scale 0-10	ASTM D7684*			
Ferrous Corrosive	Scale 0-10	ASTM D7684*			
Ferrous Other	Scale 0-10	ASTM D7684*			
Nonferrous Rubbing	Scale 0-10	ASTM D7684*			
Nonferrous Sliding	Scale 0-10	ASTM D7684*			
Nonferrous Cutting	Scale 0-10	ASTM D7684*			
Nonferrous Rolling	Scale 0-10	ASTM D7684*			
Nonferrous Other	Scale 0-10	ASTM D7684*			
Carbonaceous Material	Scale 0-10	ASTM D7684*			
Lubricant Degradation	Scale 0-10	ASTM D7684*			
Sand/Dirt	Scale 0-10	ASTM D7684*	1	2	2
Fibres	Scale 0-10	ASTM D7684*		1	
Spheres	Scale 0-10	ASTM D7684*			
Other	Scale 0-10	ASTM D7684*			

## WEAR

An increase in the copper level is noted. The direct-reading & analytical ferrographic results are normal indicating no abnormal wear in the system.

DR Ferrography

