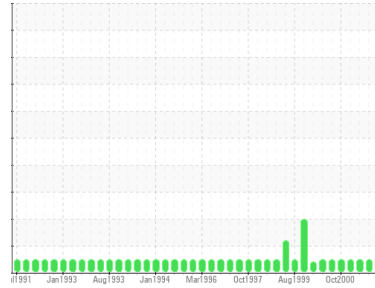




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
Hydraulics
 Machine Id
PRESS #2
 Component
Hydraulic System
 Fluid
SUNOCO SUNVIS 846 ISO 46 (550 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

The direct-reading & analytical ferrographic results are normal indicating no abnormal wear in the system. All component wear rates are normal.

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		WC23001265	WC23001159	WC23001055
Sample Date	Client Info		29 Jan 2004	21 Oct 2003	10 Jul 2003
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	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
SUNOCO SUNVIS 846 ISO 46 (550 GAL)

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
Ferrous Red Oxides	Scale 0-10 ASTM D7684*				
Ferrous Corrosive	Scale 0-10 ASTM D7684*		█ 1	█ 1	
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	█ 1	█ 1
Fibres	Scale 0-10 ASTM D7684*				
Spheres	Scale 0-10 ASTM D7684*				
Other	Scale 0-10 ASTM D7684*				

WEAR

The direct-reading & analytical ferrographic results are normal indicating no abnormal wear in the system. All component wear rates are normal.

