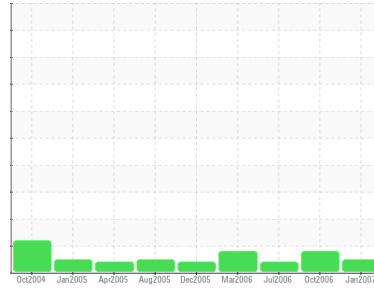




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
Hydraulics
 Machine Id
PRESS #25

Component
Hydraulic System
 Fluid
SUNOCO SUNVIS 868 ISO 68 (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
 NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

The condition of oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC22056079	WC22053390	WC22051635
Sample Date	Client Info			31 Jan 2007	24 Oct 2006	25 Jul 2006
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	ABNORMAL	ABNORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		6	6	6
Chromium	ppm	ASTM D5185(m)		<1	<1	<1
Nickel	ppm	ASTM D5185(m)		<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)		0	<1	<1
Lead	ppm	ASTM D5185(m)		2	2	0
Copper	ppm	ASTM D5185(m)		12	11	11
Tin	ppm	ASTM D5185(m)		2	3	3
Vanadium	ppm	ASTM D5185(m)		0	0	<1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1	<1	1
Barium	ppm	ASTM D5185(m)		2	2	2
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		65	58	64
Calcium	ppm	ASTM D5185(m)		84	80	84
Phosphorus	ppm	ASTM D5185(m)		593	536	541
Zinc	ppm	ASTM D5185(m)		629	595	603
Sulfur	ppm	ASTM D5185(m)		2558	2441	2204

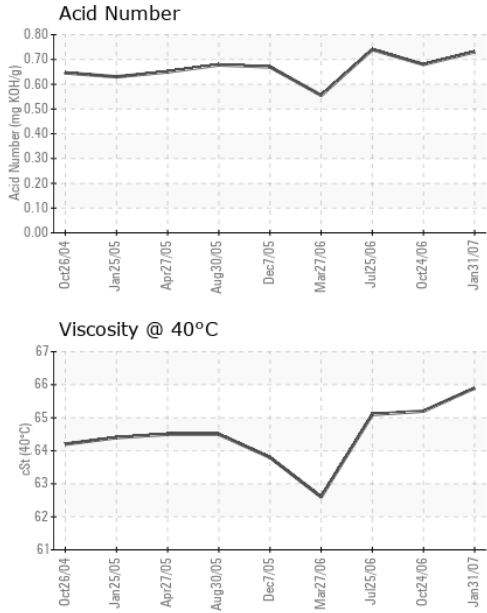
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		4	4	4
Sodium	ppm	ASTM D5185(m)		7	4	6
Potassium	ppm	ASTM D5185(m)		<1	0	0

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		5048	5521	4105
Particles >6µm		ASTM D7647		1057	▲ 1955	▲ 1545
Particles >14µm		ASTM D7647		62	▲ 291	144
Particles >21µm		ASTM D7647		12	71	34
Particles >38µm		ASTM D7647		1	7	7
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)		20/17/13	▲ 20/18/15	▲ 19/18/14

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.731	0.68	0.74



OIL ANALYSIS REPORT

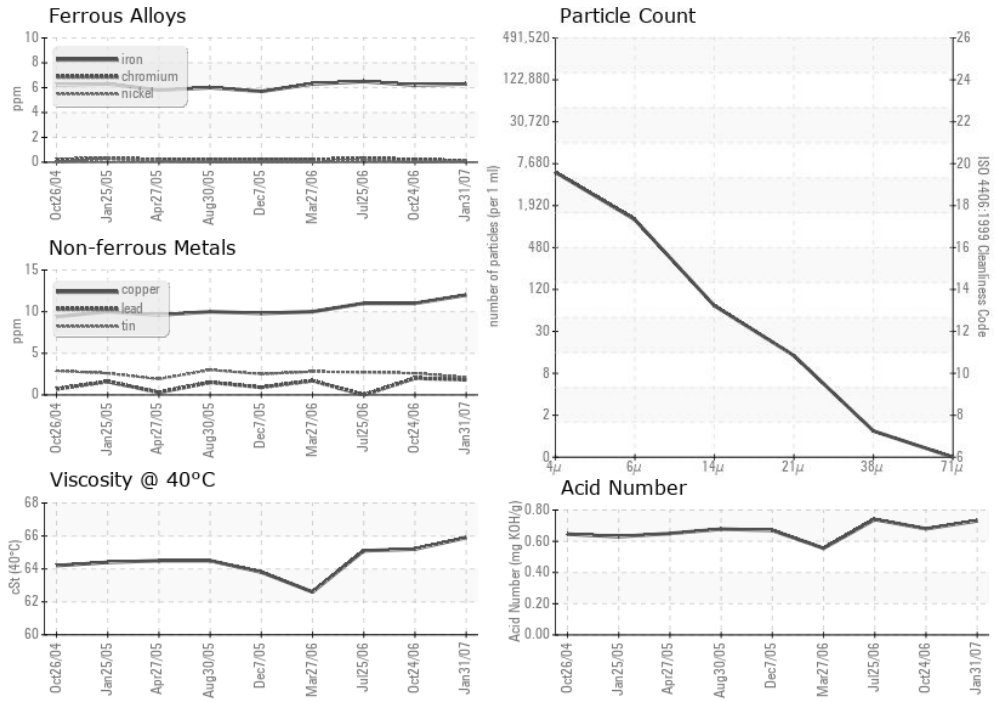


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	NEG	NEG	NEG
Free Water	scalar	Visual*	NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	65.9	65.2	65.1

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image		
Bottom			no image		

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC22056079
Lab Number : 01359019
Unique Number : 2385417
Test Package : IND 2 (Additional Tests: SCREEN, TAN Man)
Received : 31 Jan 2007
Tested : 02 Feb 2007
Diagnosed :

ABC Manufacturing
 555 NORTH SERVICE ROAD EAST
 Detroit,
 US 76100
 Contact: Jim Smith
 jim.smith@abcmanufacturing.com
 T: (311)555-1212
 F: (311)555-1313

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.