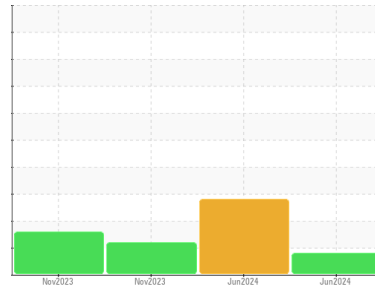




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
JNSGPB-1 (S/N 21-432)
 Component
Hydraulic Power Pack
 Fluid
LUBRIPLATE SFGO ULTRA 46 (165 GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The copper level is abnormal. All other component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0888695	WC0888694	WC0782772
Sample Date	Client Info		17 Jun 2024	16 Jun 2024	08 Nov 2023
Machine Age	hrs	Client Info	8790	8768	0
Oil Age	hrs	Client Info	8790	8768	754
Oil Changed	Client Info		Not Chngd	Not Chngd	Filtered
Sample Status			ABNORMAL	ABNORMAL	ATTENTION

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.05	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	1	2
Chromium	ppm	ASTM D5185m	>20	0	0
Nickel	ppm	ASTM D5185m	>20	0	0
Titanium	ppm	ASTM D5185m		0	0
Silver	ppm	ASTM D5185m		0	0
Aluminum	ppm	ASTM D5185m	>20	0	0
Lead	ppm	ASTM D5185m	>20	0	0
Copper	ppm	ASTM D5185m	>20	▲ 24	▲ 24
Tin	ppm	ASTM D5185m	>20	0	<1
Vanadium	ppm	ASTM D5185m		0	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		0	0
Molybdenum	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		<1	<1
Magnesium	ppm	ASTM D5185m		4	<1
Calcium	ppm	ASTM D5185m		55	50
Phosphorus	ppm	ASTM D5185m		1109	1161
Zinc	ppm	ASTM D5185m		1269	1321
Sulfur	ppm	ASTM D5185m		3291	3438

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	1
Sodium	ppm	ASTM D5185m		2	<1
Potassium	ppm	ASTM D5185m	>20	3	<1

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>320	240	▲ 6003	● 408
Particles >6µm	ASTM D7647	>80	77	▲ 1240	● 88
Particles >14µm	ASTM D7647	>10	10	▲ 66	6
Particles >21µm	ASTM D7647	>3	2	▲ 17	2
Particles >38µm	ASTM D7647	>3	0	1	0
Particles >71µm	ASTM D7647	>3	0	0	0
Oil Cleanliness	ISO 4406 (c)	>15/13/10	15/13/10	▲ 20/17/13	● 16/14/10

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.63	0.64

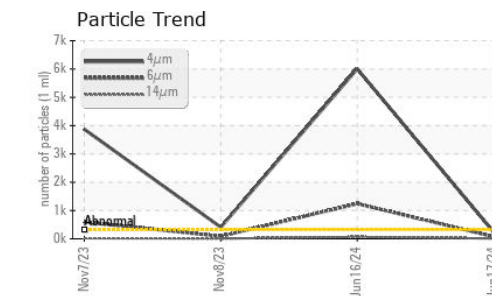
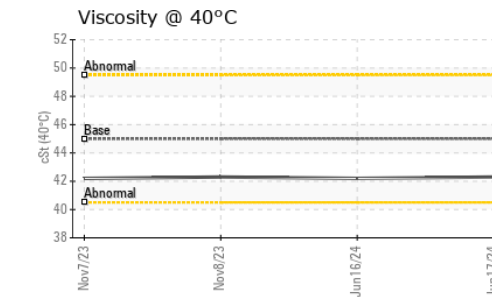
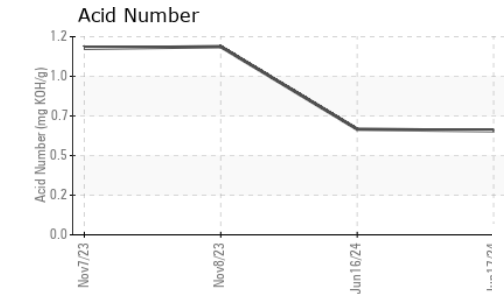
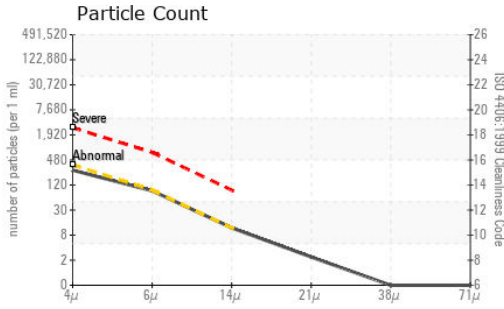
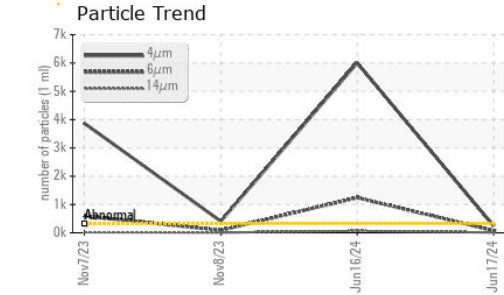
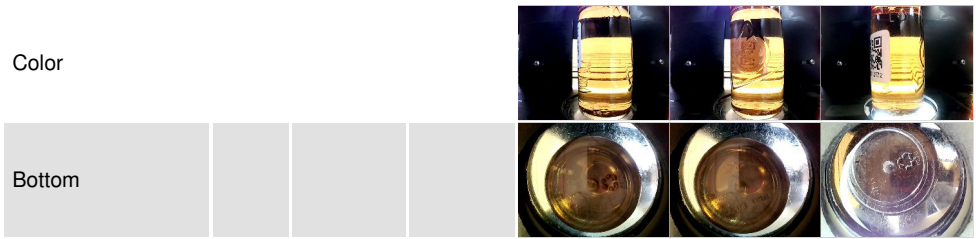


OIL ANALYSIS REPORT

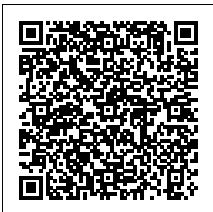
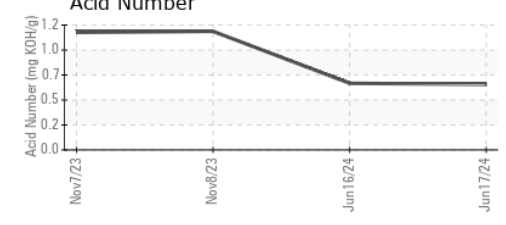
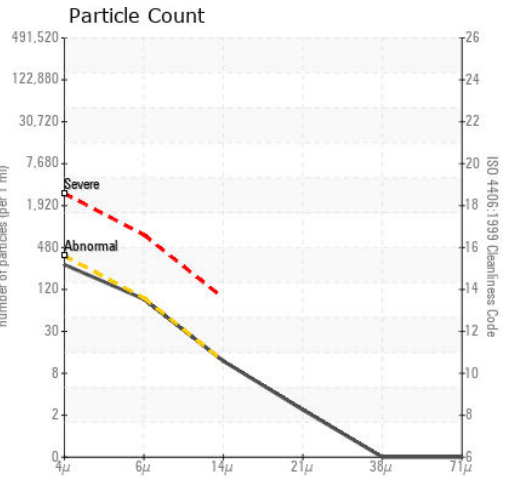
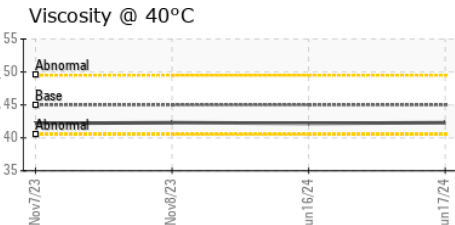
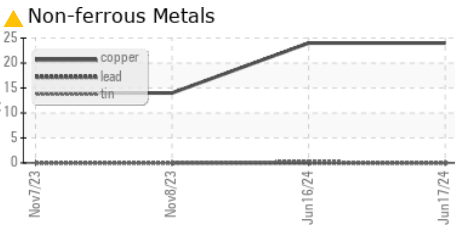
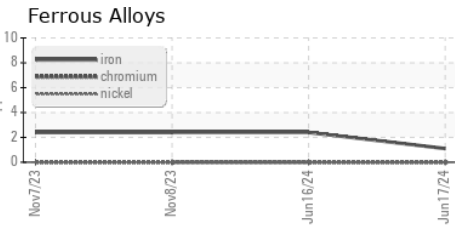
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 45	42.3	42.2	42.3

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : WC0888695
 Lab Number : 06216291
 Unique Number : 11089155
 Test Package : IND 2
 Received : 20 Jun 2024
 Tested : 21 Jun 2024
 Diagnosed : 23 Jun 2024 - Don Baldrige

WEST SIDE SOLUTIONS
 4506 HWY 90
 CONWAY, SC
 US 29526-9631
 Contact: KEN ANDRE
 westsidesolutionsus@gmail.com
 T: (216)577-5014
 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)