

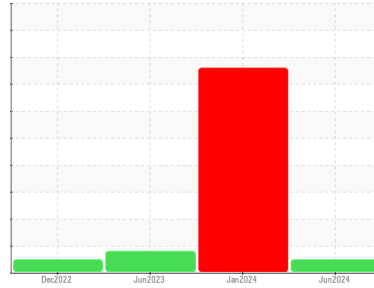


OIL ANALYSIS REPORT



Area
OKLAHOMA/102/EG - SKID STEER
 Machine Id
53.170L [OKLAHOMA^102^EG - SKID STEER]
 Component
Left Chain Case
 Fluid
MOBIL MOBILTRANS AST 30 (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0935272	WC0873981	WC0800863
Sample Date	Client Info		25 Jun 2024	03 Jan 2024	06 Jun 2023
Machine Age	hrs	Client Info	2687	2023	1416
Oil Age	hrs	Client Info	537	1000	1416
Oil Changed	Client Info		Not Chngd	Changed	Not Chngd
Sample Status			NORMAL	SEVERE	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >632	357	▲ 1564	▲ 670
Chromium	ppm	ASTM D5185m >3	<1	2	1
Nickel	ppm	ASTM D5185m >3	0	<1	0
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	<1	0	<1
Aluminum	ppm	ASTM D5185m >19	3	2	5
Lead	ppm	ASTM D5185m >6	0	0	0
Copper	ppm	ASTM D5185m >46	<1	5	3
Tin	ppm	ASTM D5185m >3	0	0	<1
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	40	60	48
Barium	ppm	ASTM D5185m	4	52	52
Molybdenum	ppm	ASTM D5185m	8	40	26
Manganese	ppm	ASTM D5185m	3	16	8
Magnesium	ppm	ASTM D5185m	34	467	325
Calcium	ppm	ASTM D5185m	2921	1642	1113
Phosphorus	ppm	ASTM D5185m	1036	860	642
Zinc	ppm	ASTM D5185m	1142	1069	752
Sulfur	ppm	ASTM D5185m	5306	2978	2557

CONTAMINANTS

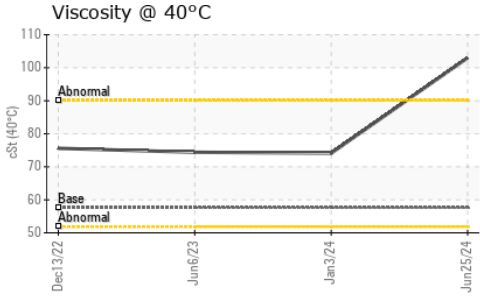
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >82	22	▲ 102	58
Sodium	ppm	ASTM D5185m	0	3	3
Potassium	ppm	ASTM D5185m >20	3	6	2

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

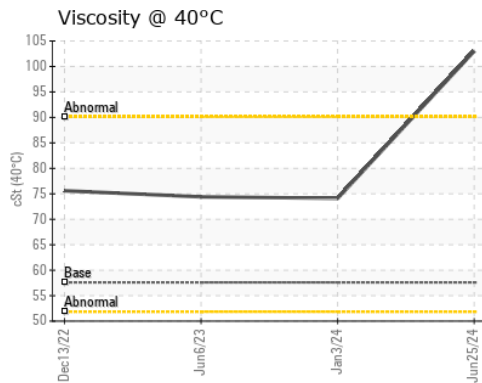
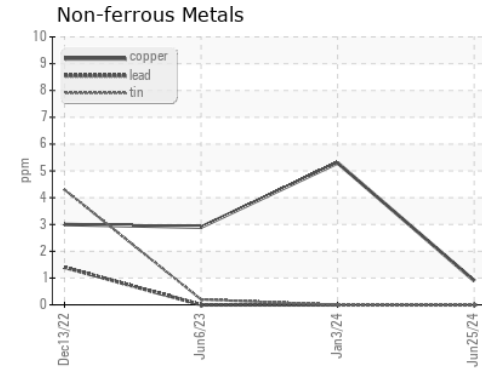
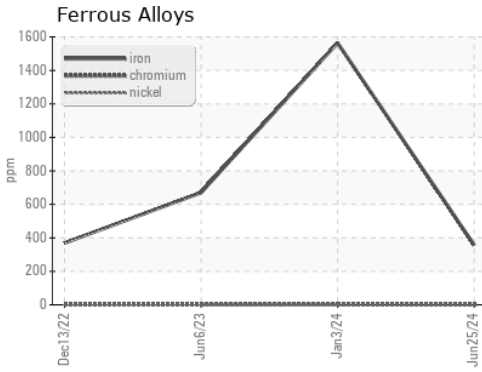


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.6	103	74.1	74.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0935272
Lab Number : 06235247
Unique Number : 11124081
Test Package : CONST

Received : 12 Jul 2024
Tested : 15 Jul 2024
Diagnosed : 15 Jul 2024 - Sean Felton

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: SHAWN SOUTH
 shawn.south@sherwood.net

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)

T: x:

F: x: