

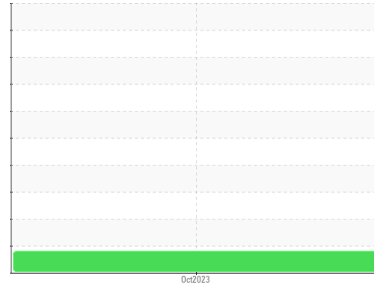


PROBLEM SUMMARY



Area
KANSAS/44/EG - SKID STEER
 Machine Id
53.181L [KANSAS^44^EG - SKID STEER]
 Component
Hydraulic System
 Fluid
MOBIL MOBILTRANS AST 30 (--- GAL)

Sample Rating Trend

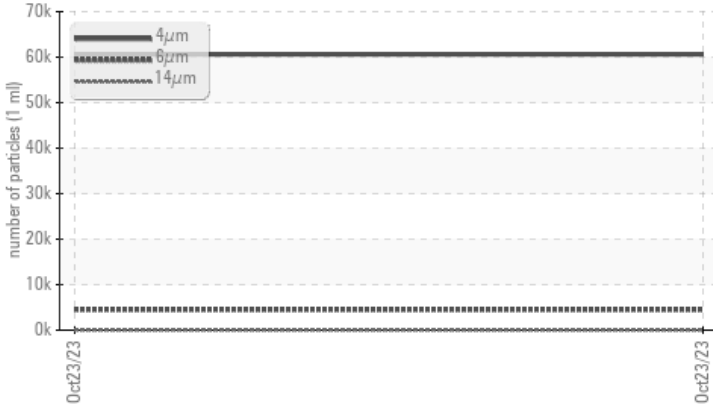


ISO



COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	---	---
Particles >6µm	ASTM D7647	>2500	▲ 4515	---	---
Oil Cleanliness	ISO 4406 (c)	>--/18/16	▲ 23/19/12	---	---

Customer Id: SHEWIC
 Sample No.: WC0862646
 Lab Number: 05994834
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



COOLANT REPORT

Sample Rating Trend

ISO



Area
KANSAS/44/EG - SKID STEER
 Machine Id
53.181L [KANSAS^44^EG - SKID STEER]
 Component
Hydraulic System
 Fluid
MOBIL MOBILTRANS AST 30 (--- GAL)



DIAGNOSIS

▲ Recommendation

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

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present 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	WC0862646	---	---
Sample Date	Client Info	23 Oct 2023	---	---
Machine Age	hrs	Client Info	254	---
Oil Age	hrs	Client Info	254	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status			ATTENTION	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	0	---
Phosphorus	ppm	ASTM D5185m	696	---
Boron	ppm	ASTM D5185m	0	---
Molybdenum	ppm	ASTM D5185m	0	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	3	---
Aluminum	ppm	ASTM D5185m >10	0	---
Copper	ppm	ASTM D5185m >75	4	---
Lead	ppm	ASTM D5185m >10	<1	---
Tin	ppm	ASTM D5185m >10	0	---
Silver	ppm	ASTM D5185m	0	---
Zinc	ppm	ASTM D5185m	907	---

CONTAMINANTS

method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	60604	---
Particles >6µm		ASTM D7647 >2500	▲ 4515	---
Particles >14µm		ASTM D7647 >640	28	---
Particles >21µm		ASTM D7647 >160	4	---
Particles >38µm		ASTM D7647 >40	0	---
Particles >71µm		ASTM D7647 >10	0	---
Oil Cleanliness		ISO 4406 (c) >--/18/16	▲ 23/19/12	---

CARRIER SALTS

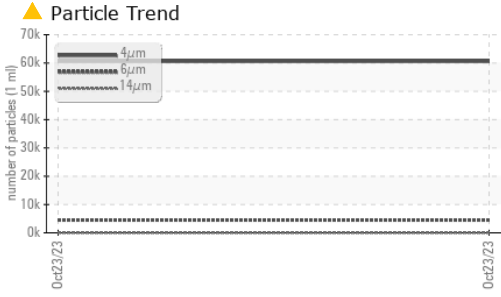
method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185m	<1	---
Potassium	ppm	ASTM D5185m	0	---


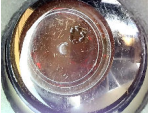
SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185m	153	---
Magnesium	ppm	ASTM D5185m	0	---



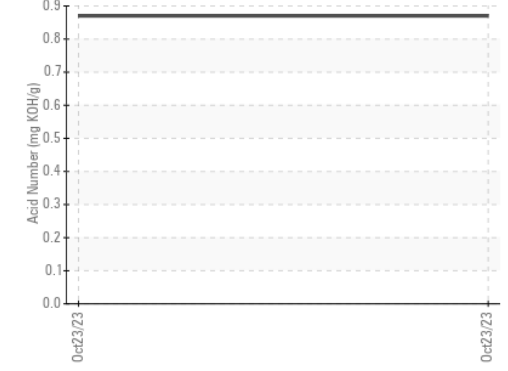
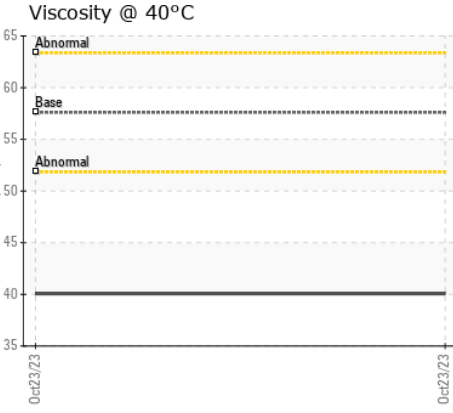
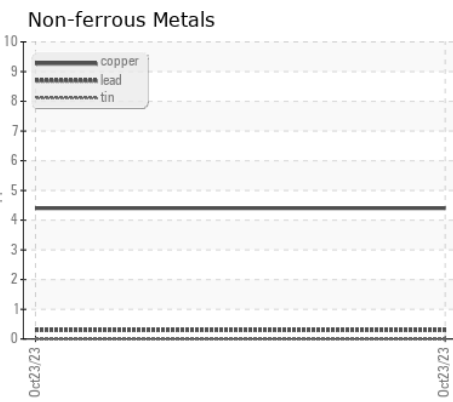
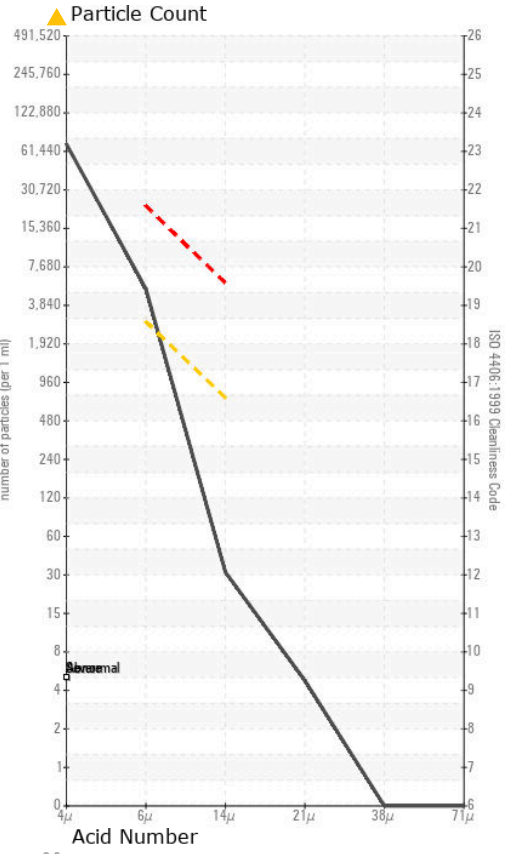
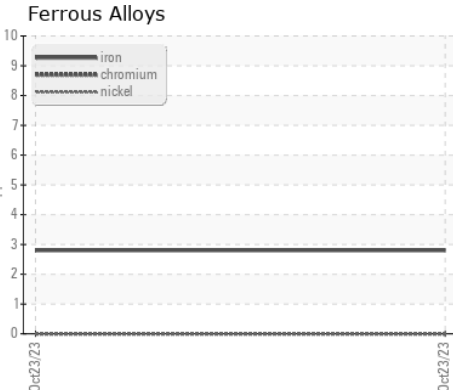
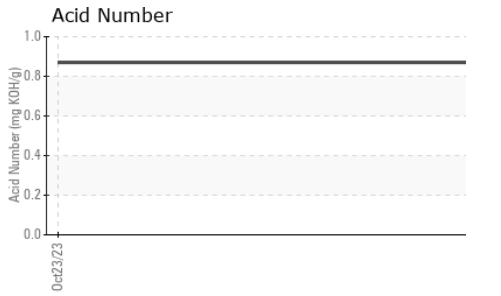
COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0862646 **Received** : 31 Oct 2023
Lab Number : 05994834 **Diagnosed** : 08 Nov 2023
Unique Number : 10723194 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: COOL, KF)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: JIMMY DERAMUS
 jimmy.deramus@wncouch.net
 T:
 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)