



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[47512]

Machine Id

SAKAI 3SV56-10146

Component

Drum Gearbox

Fluid

JOHN DEERE GL-5 80W90 (3 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218615	JR0176101	---
Sample Date		Client Info		18 Jun 2024	14 Jul 2023	---
Machine Age	hrs	Client Info		2390	1907	---
Oil Age	hrs	Client Info		483	500	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		53	120	---
Iron	ppm	ASTM D5185m	>200	180	▲ 294	---
Chromium	ppm	ASTM D5185m	>10	2	3	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		2	0	---
Aluminum	ppm	ASTM D5185m		<1	3	---
Lead	ppm	ASTM D5185m		47	▲ 188	---
Copper	ppm	ASTM D5185m		54	▲ 86	---
Tin	ppm	ASTM D5185m		<1	3	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

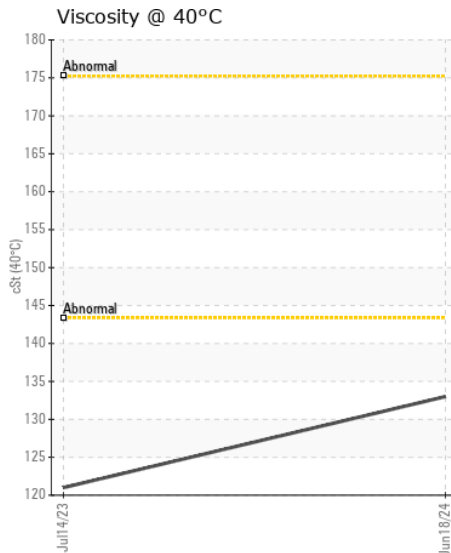
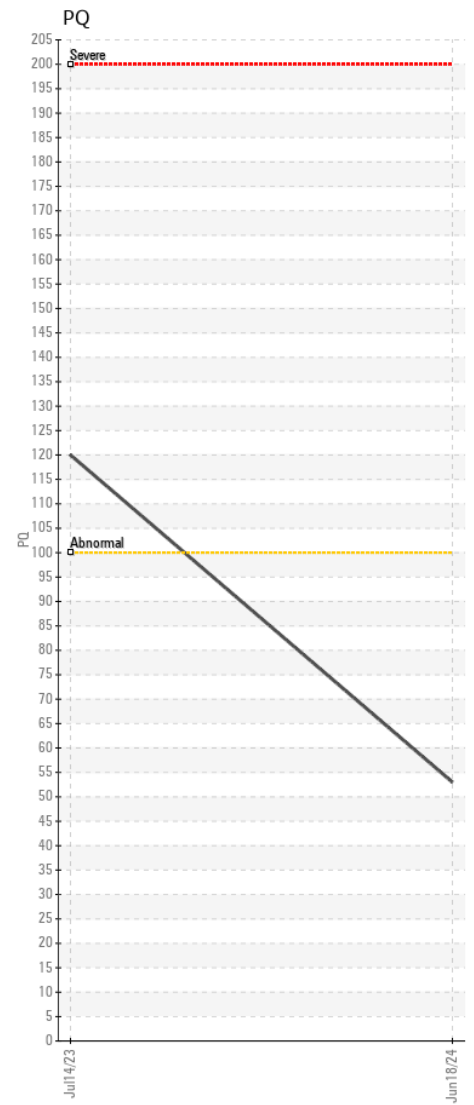
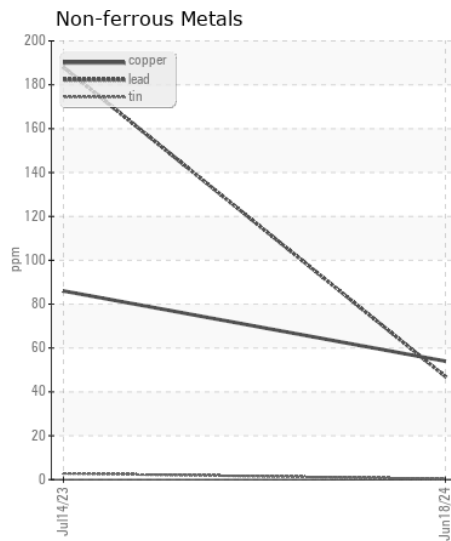
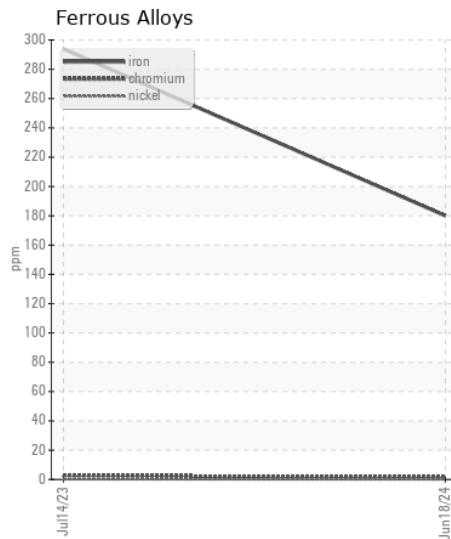
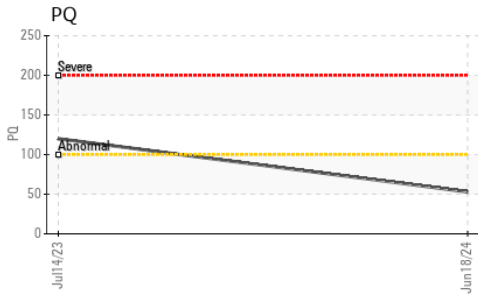
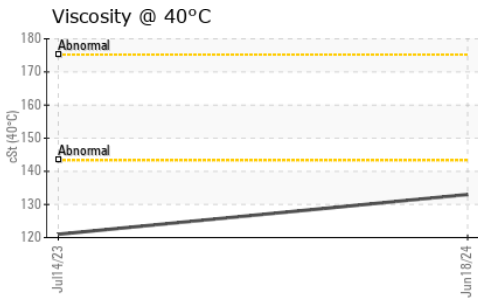
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m		3	6	---
Potassium	ppm	ASTM D5185m	>20	3	7	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		4	9	---
Boron	ppm	ASTM D5185m		34	108	---
Barium	ppm	ASTM D5185m		2	4	---
Molybdenum	ppm	ASTM D5185m		1	4	---
Manganese	ppm	ASTM D5185m		3	5	---
Magnesium	ppm	ASTM D5185m		13	50	---
Calcium	ppm	ASTM D5185m		35	133	---
Phosphorus	ppm	ASTM D5185m		540	948	---
Zinc	ppm	ASTM D5185m		26	121	---
Sulfur	ppm	ASTM D5185m		20930	17881	---
Visc @ 40°C	cSt	ASTM D445		133	121	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218615 **Received** : 20 Jun 2024
Lab Number : 06216044 **Tested** : 22 Jun 2024
Unique Number : 11088908 **Diagnosed** : 23 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

CWS-STRITTMATTER
 9102 OWENS DR
 MANASSAS PARK, VA
 US 20111

Contact: EDDIE GARRETSON
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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)

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