



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 9 - Marietta [152655]

Machine Id
935300190

Component
Right Final Drive

Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: found piece of metal attached to check plug during inspection.)

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal. No visible metal detected.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

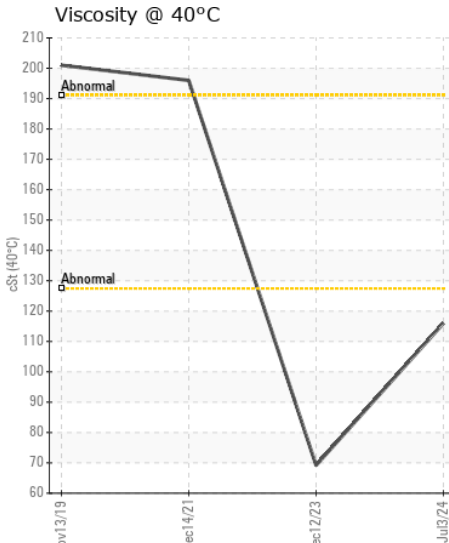
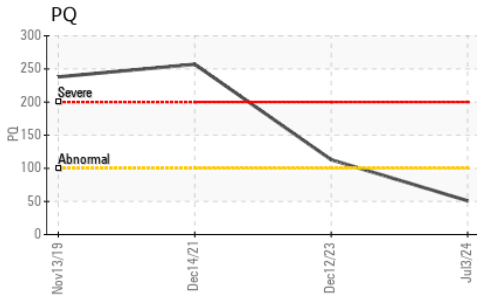
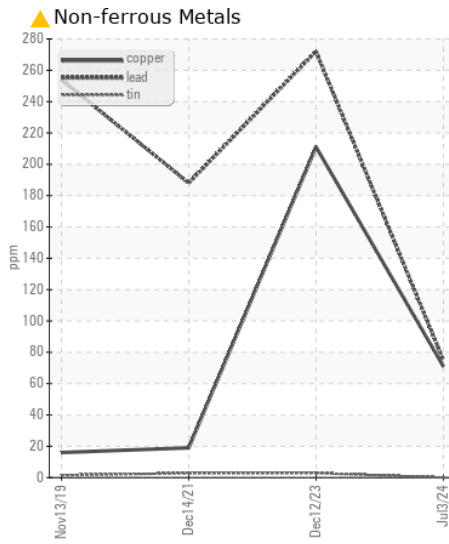
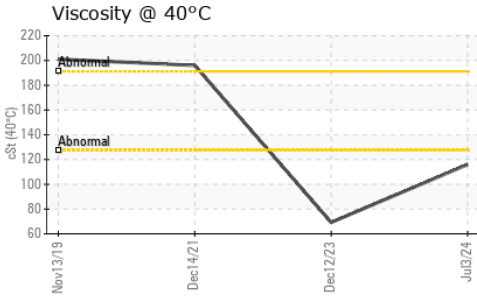
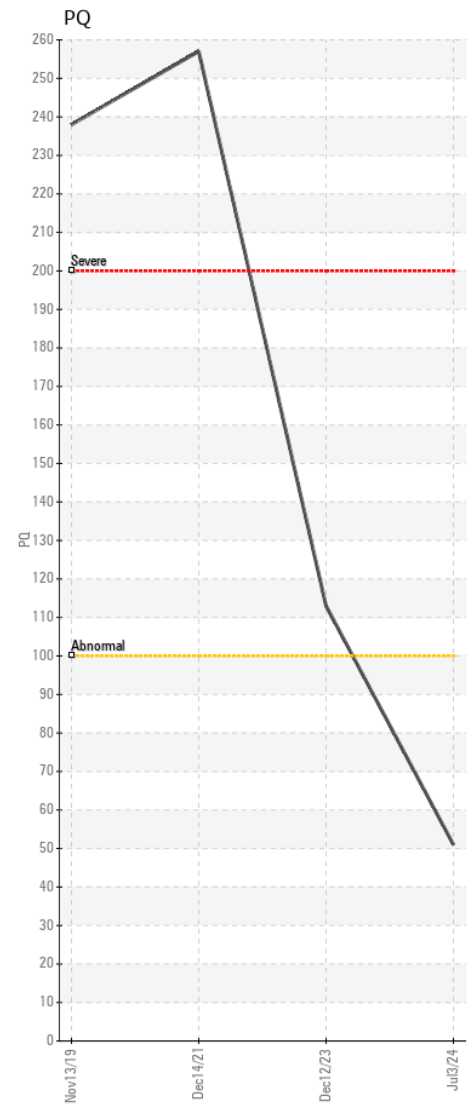
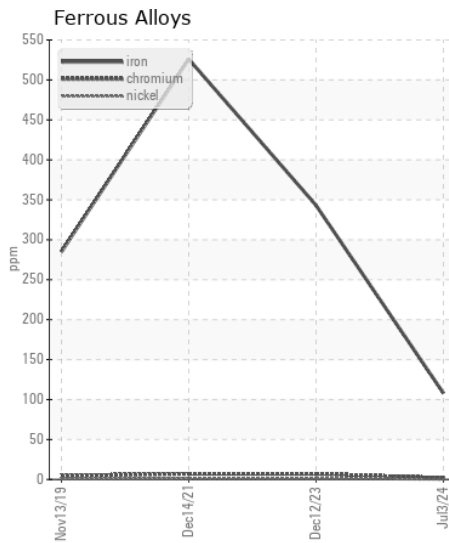
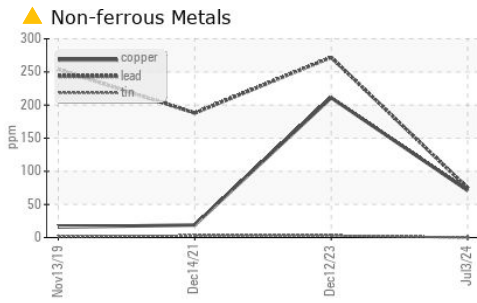
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0051347	LEC0043011	LEC0026828
Sample Date		Client Info		03 Jul 2024	12 Dec 2023	14 Dec 2021
Machine Age	hrs	Client Info		0	1307	906
Oil Age	hrs	Client Info		17	401	906
Filter Age	hrs	Client Info		17	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

PQ		ASTM D8184		51	113	257
Iron	ppm	ASTM D5185m	>500	108	343	526
Chromium	ppm	ASTM D5185m	>10	2	7	7
Nickel	ppm	ASTM D5185m	>10	0	<1	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	2	2
Lead	ppm	ASTM D5185m	>25	▲ 75	▲ 272	▲ 188
Copper	ppm	ASTM D5185m	>50	▲ 71	▲ 211	19
Tin	ppm	ASTM D5185m	>10	0	3	3
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	4	11	6
Potassium	ppm	ASTM D5185m	>20	0	3	1
Water		WC Method	>0.2	NEG	NEG	NEG
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

Sodium	ppm	ASTM D5185m		3	5	9
Boron	ppm	ASTM D5185m		6	● 20	15
Barium	ppm	ASTM D5185m		19	● 63	49
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	3	6
Magnesium	ppm	ASTM D5185m		21	● 89	4
Calcium	ppm	ASTM D5185m		792	● 2719	4
Phosphorus	ppm	ASTM D5185m		515	● 946	437
Zinc	ppm	ASTM D5185m		255	● 970	26
Sulfur	ppm	ASTM D5185m		17564	● 4032	4996
Visc @ 40°C	cSt	ASTM D445		116	● 69.2	196



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0051347 **Received** : 09 Jul 2024
Lab Number : 06231730 **Tested** : 10 Jul 2024
Unique Number : 11115223 **Diagnosed** : 11 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com

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:
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