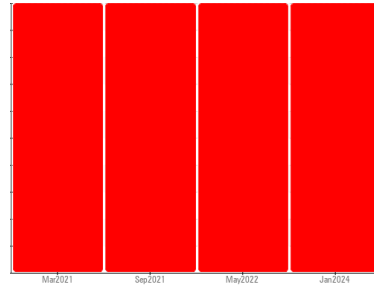




PROBLEM SUMMARY

Sample Rating Trend

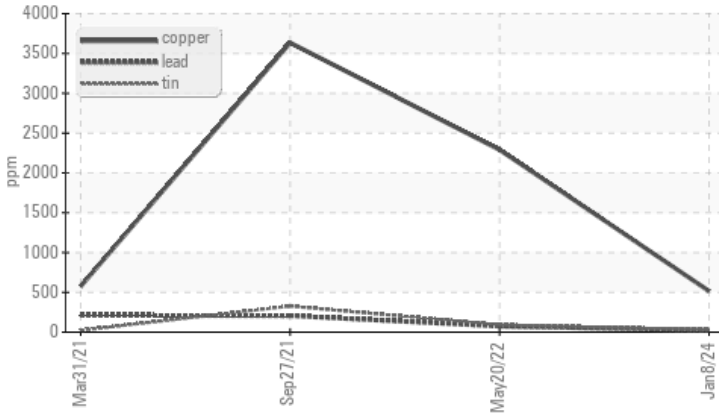
WEAR



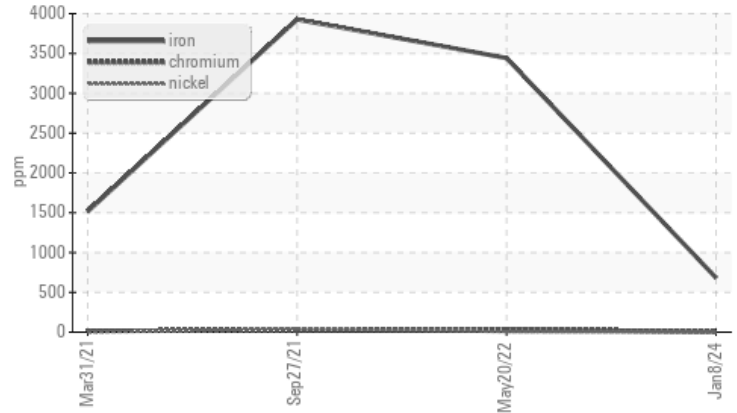
Area
Store 8 - Pikeville [146422]
 Machine Id
PRINOTH T14R 935310213
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (1 GAL)

COMPONENT CONDITION SUMMARY

Non-ferrous Metals



Ferrous Alloys



RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	SEVERE	SEVERE	
Iron	ppm	ASTM D5185m	>500	▲ 683	● 3442	● 3928
Copper	ppm	ASTM D5185m	>50	● 516	● 2290	● 3635
Tin	ppm	ASTM D5185m	>10	● 29	● 92	● 326

Customer Id: LESMAROH
 Sample No.: LEC0046483
 Lab Number: 06058352
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

20 May 2022 Diag: Don Baldrige

WEAR



We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

view report



27 Sep 2021 Diag: Don Baldrige

WEAR



The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 150 range, advise investigate. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

view report



31 Mar 2021 Diag: Don Baldrige

WEAR



The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 150 range, advise investigate. Confirm oil type. The condition of the oil is acceptable for the time in service.

view report

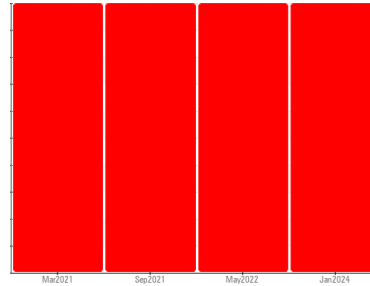




OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
Store 8 - Pikeville [146422]
 Machine Id
PRINOTH T14R 935310213
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (1 GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

Wear

Gear wear is indicated. Bearing and/or bushing wear is indicated.

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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LEC0046483	LEC0029404	LEC0025191
Sample Date	Client Info		08 Jan 2024	20 May 2022	27 Sep 2021
Machine Age	hrs	Client Info	1800	1351	959
Oil Age	hrs	Client Info	449	392	339
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			SEVERE	SEVERE	SEVERE

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		176	213	1380
Iron	ppm	ASTM D5185m >500	683	3442	3928
Chromium	ppm	ASTM D5185m >10	4	37	23
Nickel	ppm	ASTM D5185m >10	0	6	38
Titanium	ppm	ASTM D5185m	0	7	2
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	1	53	13
Lead	ppm	ASTM D5185m >25	23	74	205
Copper	ppm	ASTM D5185m >50	516	2290	3635
Tin	ppm	ASTM D5185m >10	29	92	326
Antimony	ppm	ASTM D5185m >5	---	---	0
Vanadium	ppm	ASTM D5185m	0	<1	<1
Cadmium	ppm	ASTM D5185m	0	<1	0

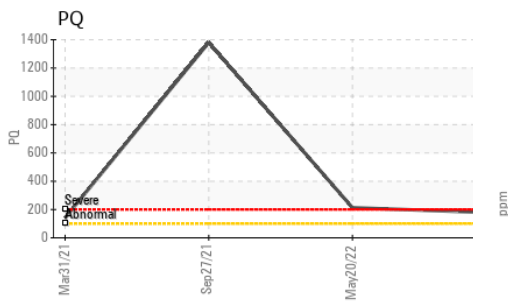
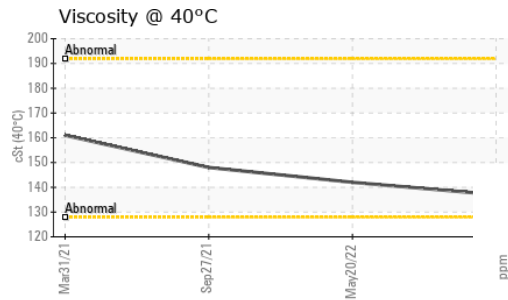
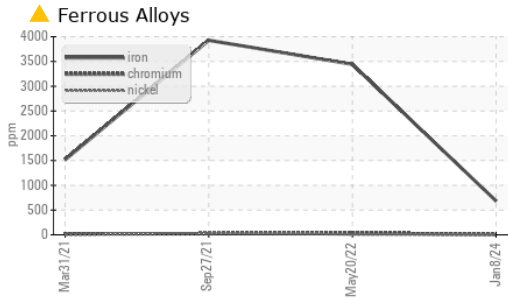
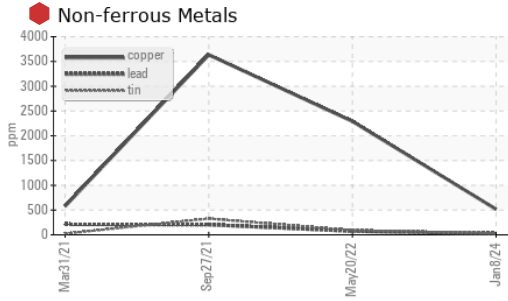
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	5	11
Barium	ppm	ASTM D5185m	<1	0	<1
Molybdenum	ppm	ASTM D5185m	<1	2	<1
Manganese	ppm	ASTM D5185m	4	23	27
Magnesium	ppm	ASTM D5185m	7	8	5
Calcium	ppm	ASTM D5185m	76	55	42
Phosphorus	ppm	ASTM D5185m	341	337	293
Zinc	ppm	ASTM D5185m	33	32	97
Sulfur	ppm	ASTM D5185m	19746	14561	12292

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	16	297	38
Sodium	ppm	ASTM D5185m	<1	3	<1
Potassium	ppm	ASTM D5185m >20	1	12	2

OIL ANALYSIS REPORT



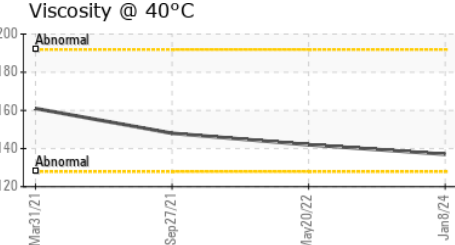
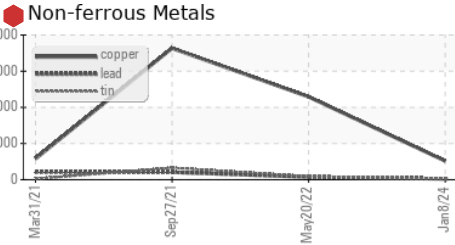
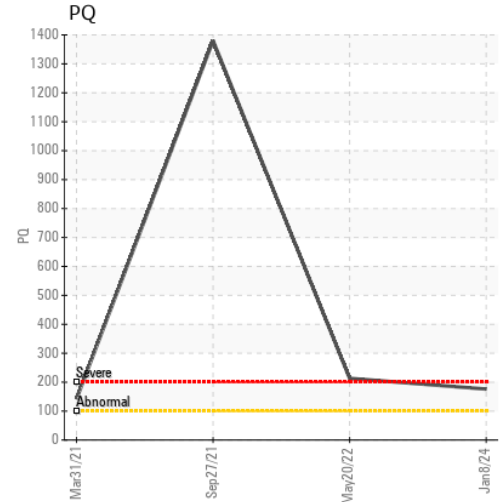
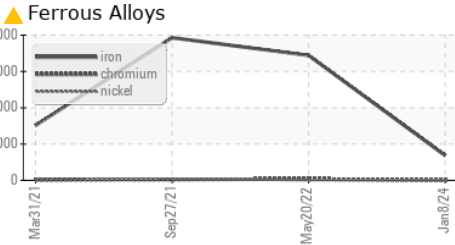
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	137	142	▲ 148

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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. : LEC0046483 **Recieved** : 11 Jan 2024
Lab Number : 06058352 **Diagnosed** : 14 Jan 2024
Unique Number : 10829734 **Diagnostician** : 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
 T:
 F: (740)373-5570

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)