



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL
SEVERE
NORMAL

Area
Store 4 - Fairmont [RO# 151570]

Machine Id
PRINOTH T12 935300140

Component
Pump

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

RECOMMENDATION

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 recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a moderate amount of visible silt present in the sample.

FLUID CONDITION

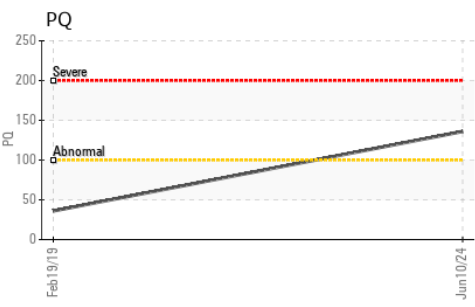
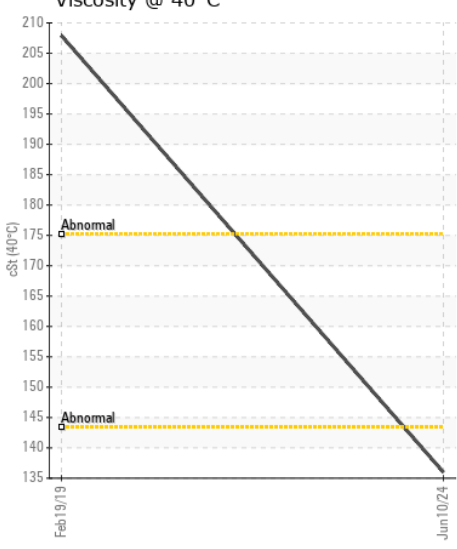
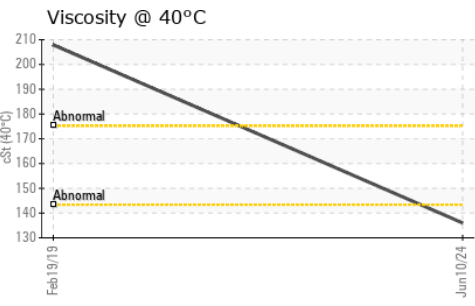
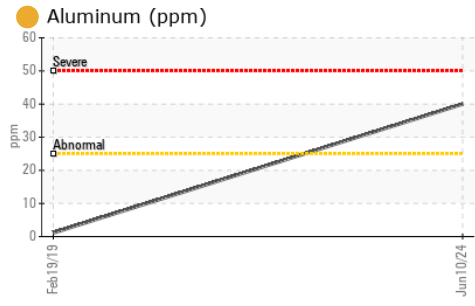
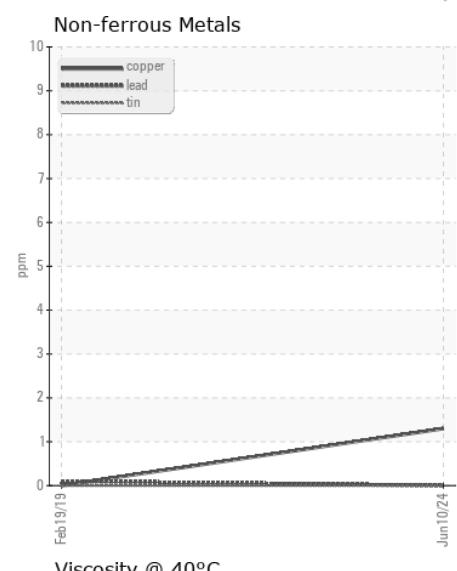
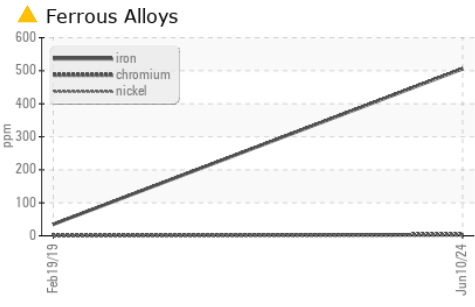
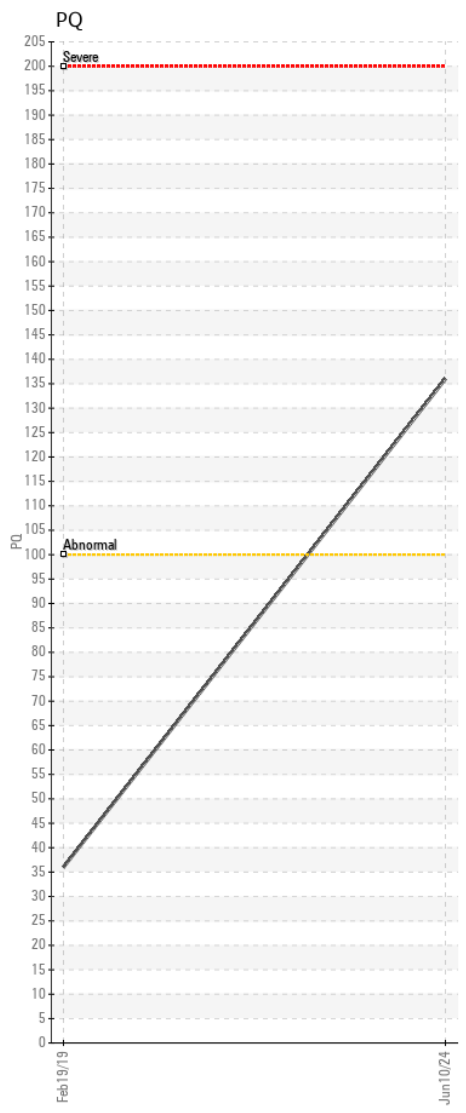
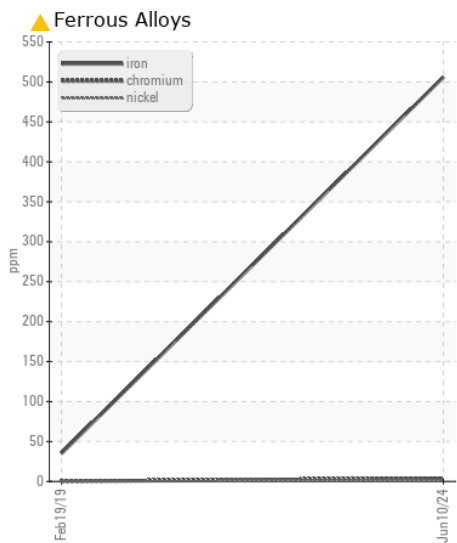
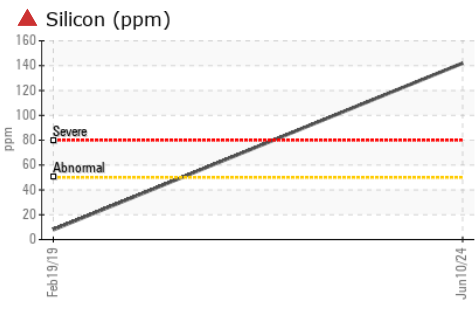
The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0048305	LEC0000662	---
Sample Date		Client Info		10 Jun 2024	19 Feb 2019	---
Machine Age	hrs	Client Info		2770	433	---
Oil Age	hrs	Client Info		500	433	---
Filter Age	hrs	Client Info		500	433	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				SEVERE	NORMAL	---

PQ		ASTM D8184		136	36	---
Iron	ppm	ASTM D5185m	>500	▲ 506	35	---
Chromium	ppm	ASTM D5185m	>7	4	<1	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		2	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	● 40	1	---
Lead	ppm	ASTM D5185m	>35	0	<1	---
Copper	ppm	ASTM D5185m	>50	1	0	---
Tin	ppm	ASTM D5185m	>5	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

Silicon	ppm	ASTM D5185m	>50	▲ 142	8	---
Potassium	ppm	ASTM D5185m	>20	13	0	---
Water		WC Method	>.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	▲ MODER	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	>.1	NEG	NEG	---

Sodium	ppm	ASTM D5185m		5	2	---
Boron	ppm	ASTM D5185m		3	1	---
Barium	ppm	ASTM D5185m		1	2	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		8	2	---
Magnesium	ppm	ASTM D5185m		12	0	---
Calcium	ppm	ASTM D5185m		67	7	---
Phosphorus	ppm	ASTM D5185m		297	300	---
Zinc	ppm	ASTM D5185m		95	54	---
Sulfur	ppm	ASTM D5185m		20908	4608	---
Visc @ 40°C	cSt	ASTM D445		136	207.9	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048305 **Received** : 17 Jun 2024
Lab Number : 06211990 **Tested** : 18 Jun 2024
Unique Number : 11084854 **Diagnosed** : 19 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)