



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXCLF814824
 Component
Pump Drive
 Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0209359	JR0197477	JR0172037
Sample Date		Client Info		14 Apr 2024	06 Dec 2023	02 Jun 2023
Machine Age	hrs	Client Info		5016	5016	4785
Oil Age	hrs	Client Info		5016	231	3285
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

Gear wear is indicated.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		72	232	180
Iron	ppm	ASTM D5185m	>151	▲ 160	▲ 489	▲ 491
Chromium	ppm	ASTM D5185m	>11	1	6	6
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		<1	3	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	10	● 26	● 57
Lead	ppm	ASTM D5185m	>51	0	<1	0
Copper	ppm	ASTM D5185m	>51	0	2	1
Tin	ppm	ASTM D5185m	>4	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

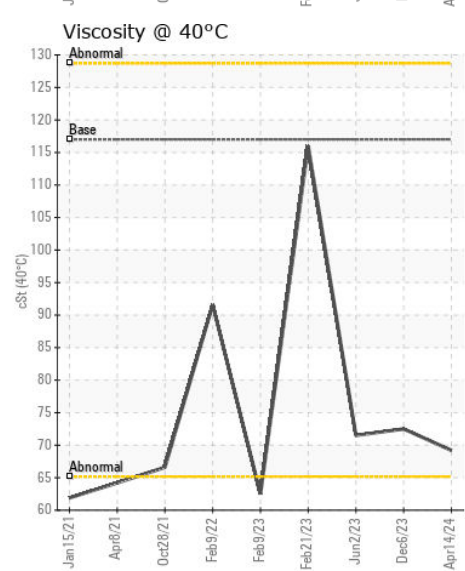
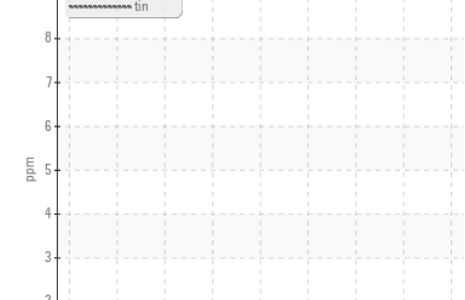
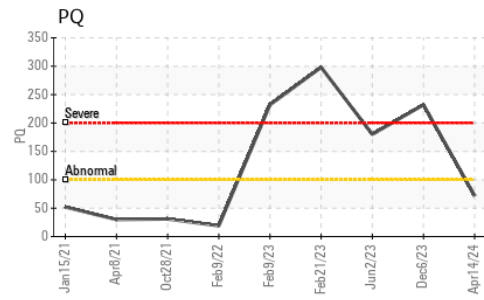
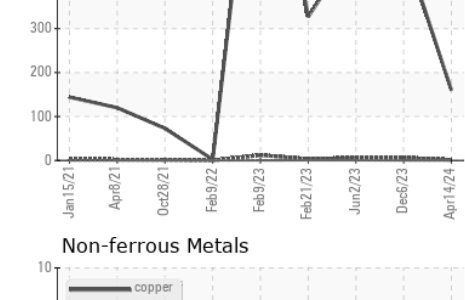
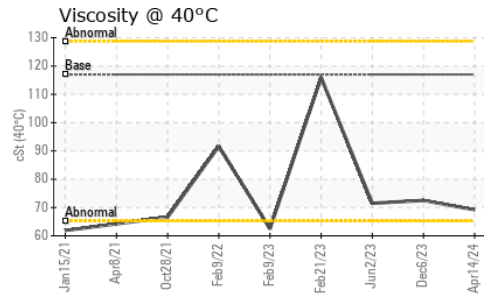
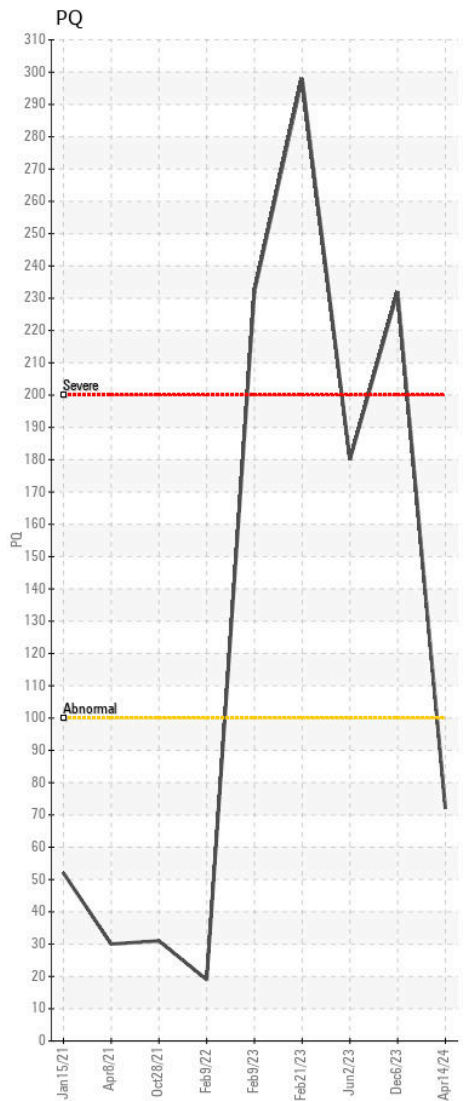
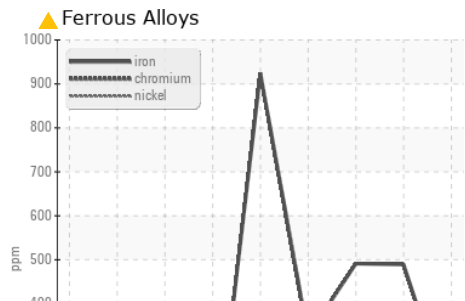
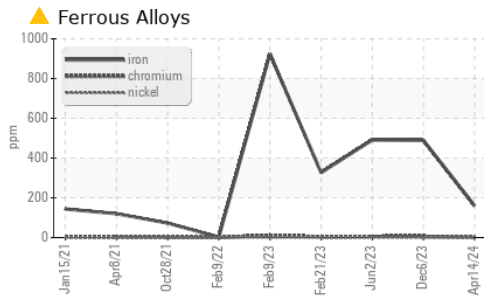
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	26	▲ 92	▲ 123
Potassium	ppm	ASTM D5185m	>20	4	6	15
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>51	<1	2	0
Boron	ppm	ASTM D5185m		267	282	296
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		235	206	261
Manganese	ppm	ASTM D5185m		<1	5	5
Magnesium	ppm	ASTM D5185m		721	667	763
Calcium	ppm	ASTM D5185m		1361	1419	1429
Phosphorus	ppm	ASTM D5185m		1005	935	940
Zinc	ppm	ASTM D5185m		1028	983	1024
Sulfur	ppm	ASTM D5185m		2973	2836	3594
Visc @ 40°C	cSt	ASTM D445	117	69.2	72.5	71.5



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0209359 **Received** : 17 Apr 2024
Lab Number : 06152252 **Tested** : 18 Apr 2024
Unique Number : 10982330 **Diagnosed** : 22 Apr 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)