



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 350G 1FF350GXCCE808762
Component
Pump Drive
Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0179259	JR0180999	JR0124247
Sample Date		Client Info		24 Apr 2024	14 Nov 2023	14 Apr 2022
Machine Age	hrs	Client Info		7442	7073	6123
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		476	90	36
Iron	ppm	ASTM D5185m	>151	95	112	59
Chromium	ppm	ASTM D5185m	>11	1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		1	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>21	6	4	4
Lead	ppm	ASTM D5185m	>51	<1	0	<1
Copper	ppm	ASTM D5185m	>51	<1	0	<1
Tin	ppm	ASTM D5185m	>4	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	HEAVY	HEAVY	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

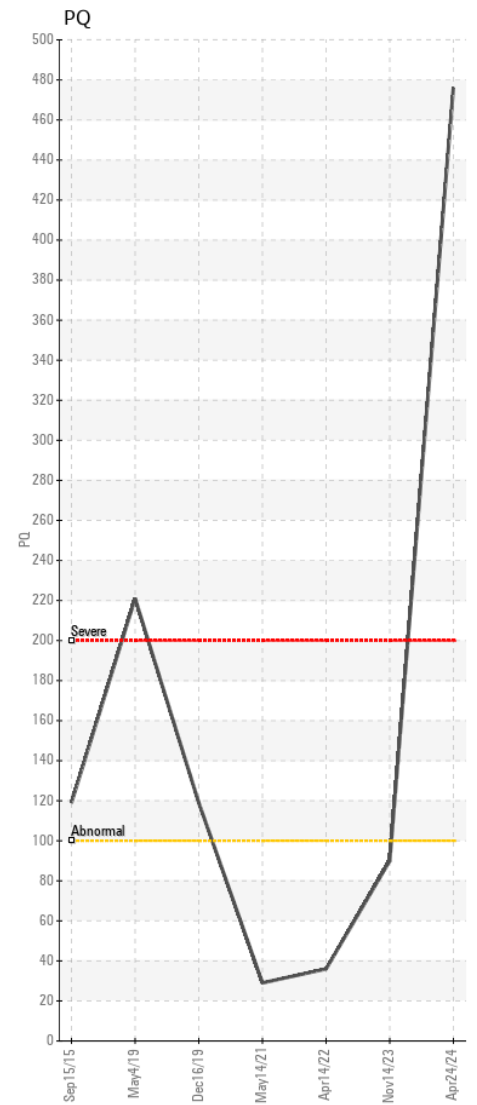
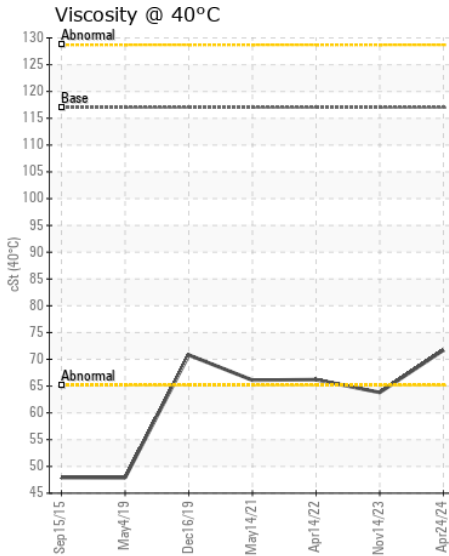
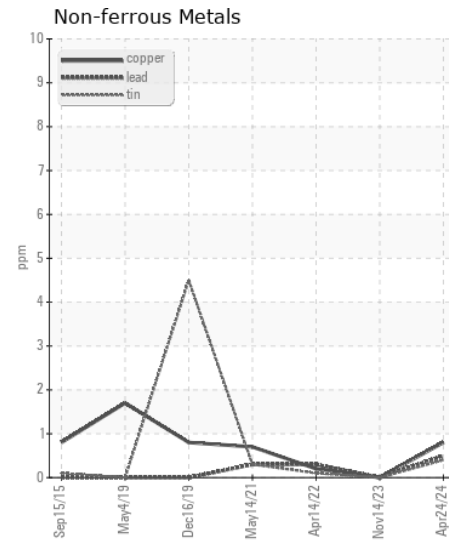
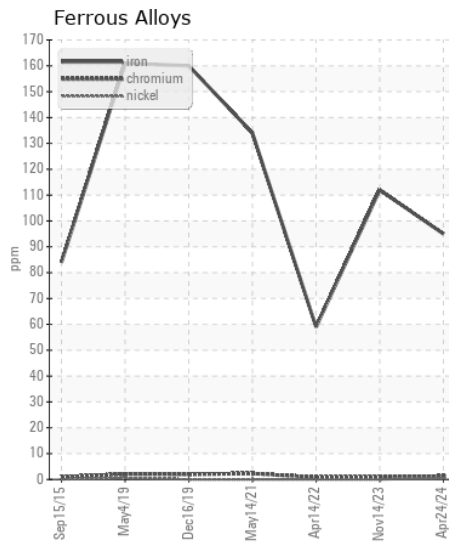
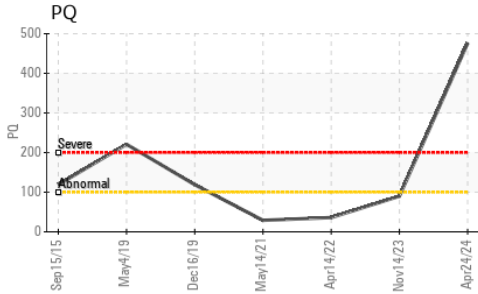
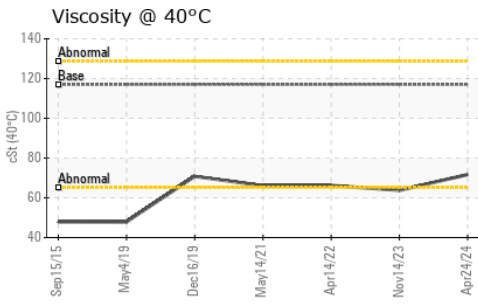
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	19	18	16
Potassium	ppm	ASTM D5185m	>20	3	2	0
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	2	2
Boron	ppm	ASTM D5185m		354	297	297
Barium	ppm	ASTM D5185m		3	0	0
Molybdenum	ppm	ASTM D5185m		265	246	237
Manganese	ppm	ASTM D5185m		2	2	<1
Magnesium	ppm	ASTM D5185m		805	839	879
Calcium	ppm	ASTM D5185m		1406	1445	1564
Phosphorus	ppm	ASTM D5185m		942	1005	1031
Zinc	ppm	ASTM D5185m		1039	1130	1010
Sulfur	ppm	ASTM D5185m		3956	3475	3369
Visc @ 40°C	cSt	ASTM D445	117	71.7	63.8	66.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0179259 **Received** : 26 Apr 2024
Lab Number : 06161741 **Tested** : 29 Apr 2024
Unique Number : 10997164 **Diagnosed** : 30 Apr 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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