



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[44633]

Machine Id

JOHN DEERE 350G 1FF350GXTHF811706

Component

Pump Drive

Fluid

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0203180	JR0183868	JR0160237
Sample Date		Client Info		13 Feb 2024	15 Aug 2023	16 Feb 2023
Machine Age	hrs	Client Info		6937	6446	5949
Oil Age	hrs	Client Info		5521	5527	5515
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	N/A
Filter Changed		Client Info		N/A	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		16	18	16
Iron	ppm	ASTM D5185m	>151	38	53	35
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		<1	0	0
Aluminum	ppm	ASTM D5185m	>21	6	5	3
Lead	ppm	ASTM D5185m	>51	<1	<1	<1
Copper	ppm	ASTM D5185m	>51	0	<1	0
Tin	ppm	ASTM D5185m	>4	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

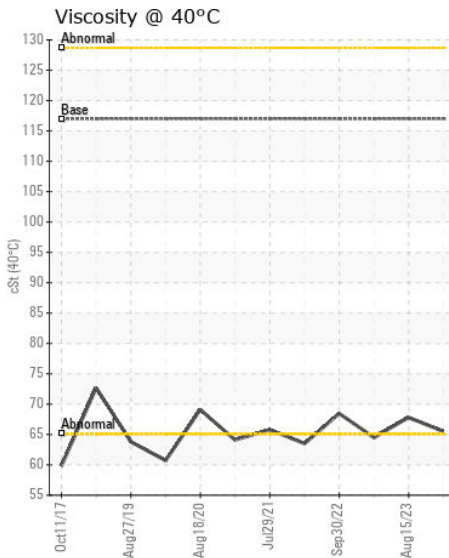
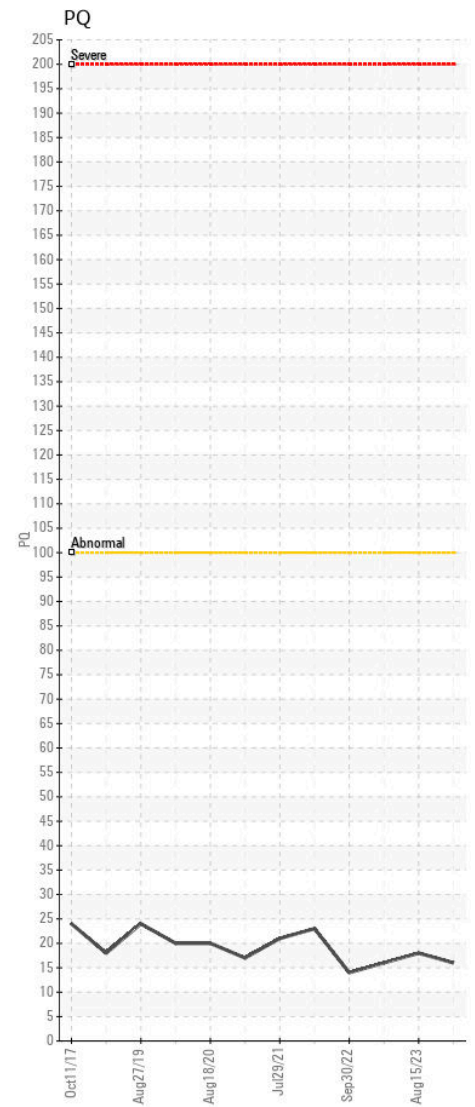
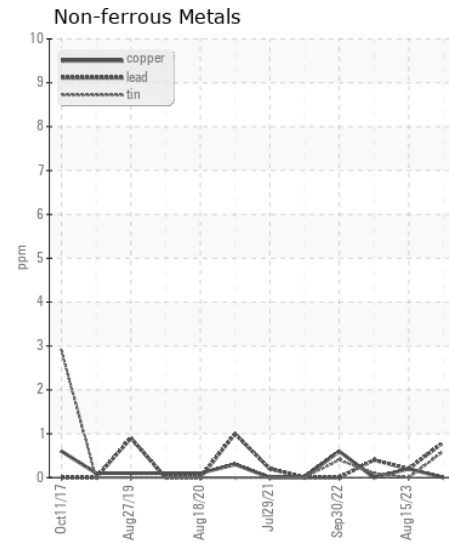
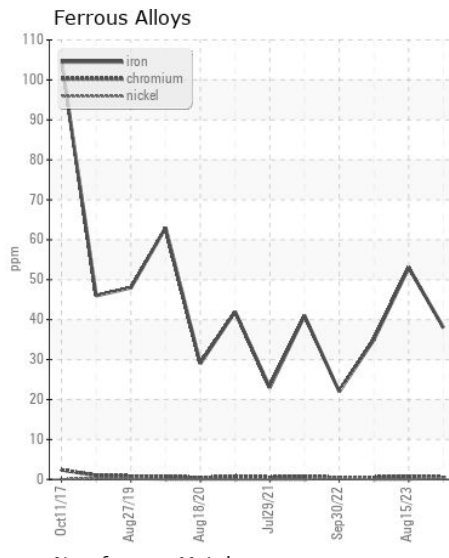
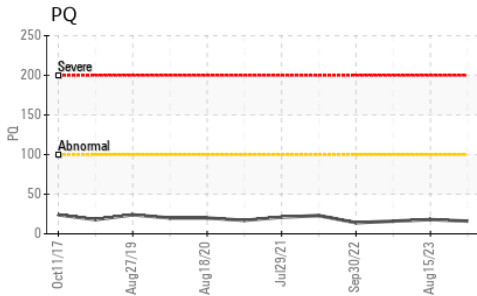
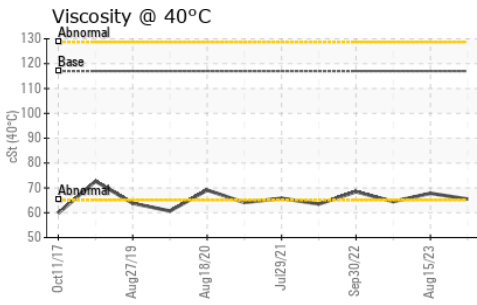
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	17	22	15
Potassium	ppm	ASTM D5185m	>20	2	2	<1
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	1	3	2
Boron	ppm	ASTM D5185m		279	318	303
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		261	242	241
Manganese	ppm	ASTM D5185m		1	1	<1
Magnesium	ppm	ASTM D5185m		841	809	752
Calcium	ppm	ASTM D5185m		1522	1538	1370
Phosphorus	ppm	ASTM D5185m		1080	953	866
Zinc	ppm	ASTM D5185m		1179	1060	950
Sulfur	ppm	ASTM D5185m		3513	4192	3882
Visc @ 40°C	cSt	ASTM D445	117	65.5	67.8	64.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0203180 **Received** : 14 Feb 2024
Lab Number : 06089701 **Tested** : 16 Feb 2024
Unique Number : 10877146 **Diagnosed** : 16 Feb 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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)