



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 350G 1FF350GXTJF813123
 Component
Pump Drive
 Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0202782	JR0202837	JR0168011
Sample Date		Client Info		19 Feb 2024	01 Feb 2024	27 Apr 2023
Machine Age	hrs	Client Info		6638	6553	6009
Oil Age	hrs	Client Info		0	544	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		None	N/A	None
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		36	12	87
Iron	ppm	ASTM D5185m	>151	78	2	▲ 242
Chromium	ppm	ASTM D5185m	>11	<1	0	4
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>21	5	4	▲ 13
Lead	ppm	ASTM D5185m	>51	0	3	0
Copper	ppm	ASTM D5185m	>51	<1	2	<1
Tin	ppm	ASTM D5185m	>4	0	1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

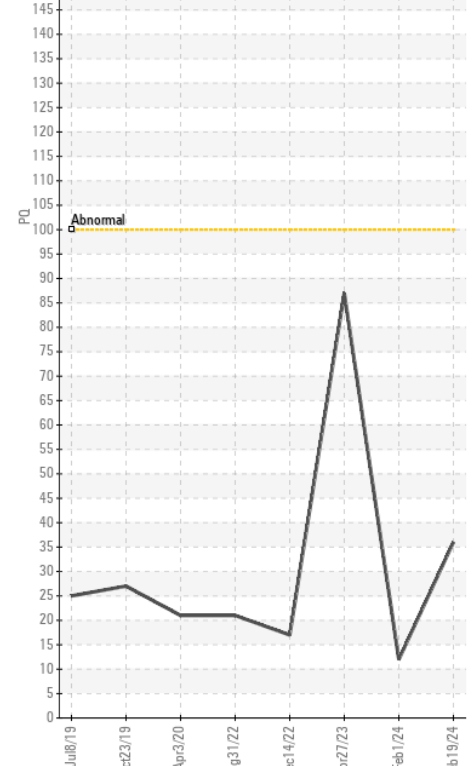
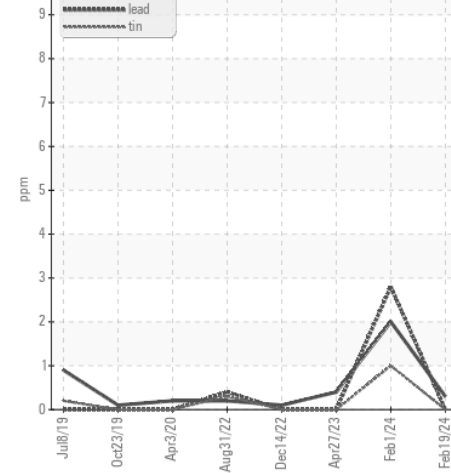
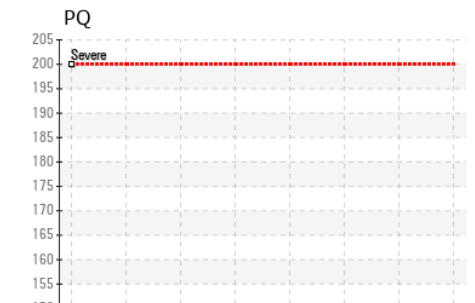
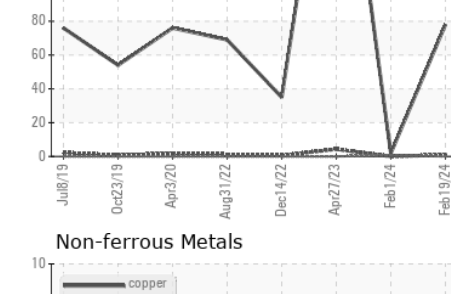
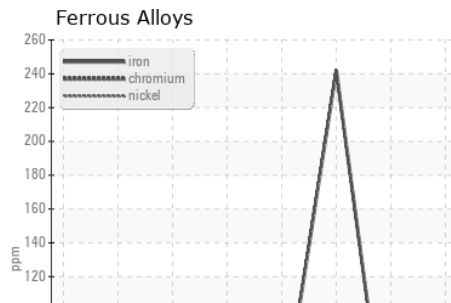
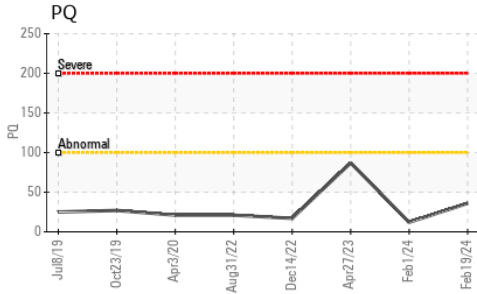
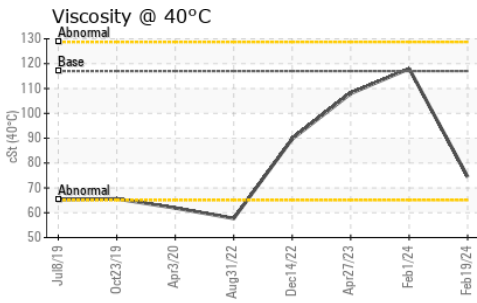
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	20	7	▲ 60
Potassium	ppm	ASTM D5185m	>20	2	5	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	0	3	2
Boron	ppm	ASTM D5185m		312	267	▲ 82
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		258	231	▲ 63
Manganese	ppm	ASTM D5185m		<1	2	4
Magnesium	ppm	ASTM D5185m		773	746	▲ 248
Calcium	ppm	ASTM D5185m		1374	1213	▲ 428
Phosphorus	ppm	ASTM D5185m		954	814	▲ 547
Zinc	ppm	ASTM D5185m		1015	987	▲ 322
Sulfur	ppm	ASTM D5185m		3982	2785	▲ 16025
Visc @ 40°C	cSt	ASTM D445	117	74.5	118	108



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0202782 **Received** : 22 Feb 2024
Lab Number : 06097249 **Tested** : 23 Feb 2024
Unique Number : 10890102 **Diagnosed** : 23 Feb 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
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 US 27529
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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)