



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W62697]

Machine Id

JOHN DEERE 350G 1FF350GXTMF815037

Component

Power Take Off

Fluid

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

RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W62697 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0188966	JR0171827	JR0143236
Sample Date		Client Info		08 Jan 2024	08 Jun 2023	27 Sep 2022
Machine Age	hrs	Client Info		4428	3484	2070
Oil Age	hrs	Client Info		944	500	0
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				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		16	12	12
Iron	ppm	ASTM D5185m	>200	46	3	90
Chromium	ppm	ASTM D5185m	>10	0	0	2
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>50	2	<1	5
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>200	0	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

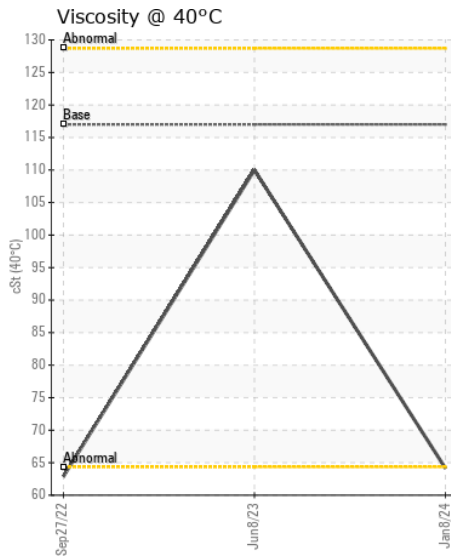
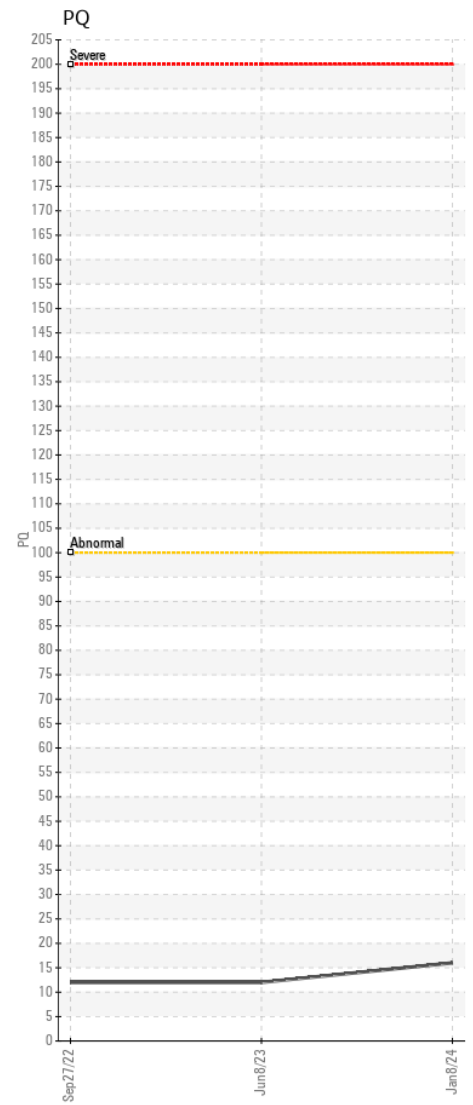
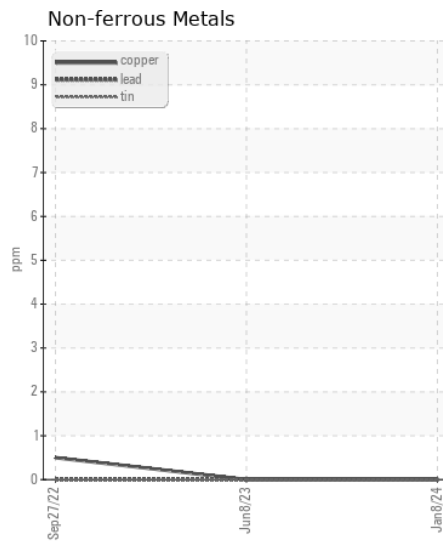
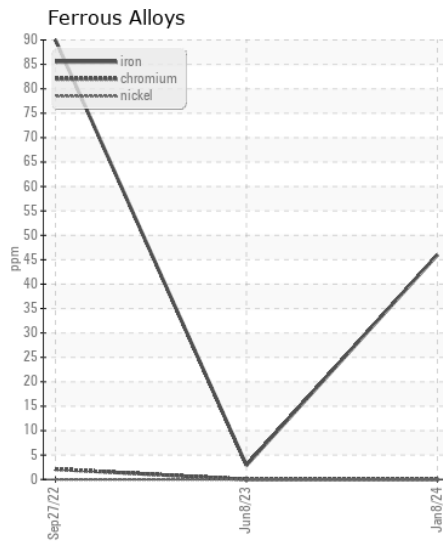
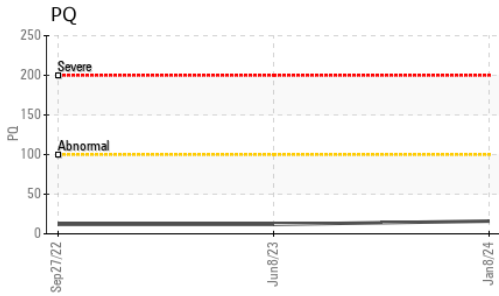
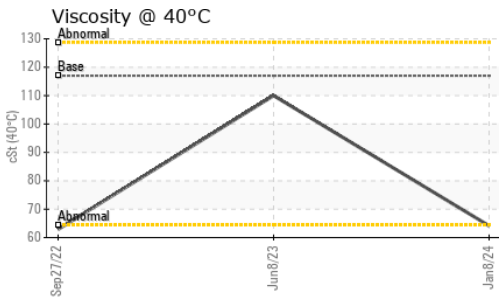
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	15	8	27
Potassium	ppm	ASTM D5185m	>20	0	1	2
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		2	1	1
Boron	ppm	ASTM D5185m		242	242	287
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		222	208	276
Manganese	ppm	ASTM D5185m		<1	<1	3
Magnesium	ppm	ASTM D5185m		728	749	843
Calcium	ppm	ASTM D5185m		1269	1429	1739
Phosphorus	ppm	ASTM D5185m		880	865	1155
Zinc	ppm	ASTM D5185m		959	1040	1234
Sulfur	ppm	ASTM D5185m		2666	3952	5252
Visc @ 40°C	cSt	ASTM D445	117	64.15	110	62.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0188966 **Received** : 10 Jan 2024  
**Lab Number** : 06056911 **Diagnosed** : 12 Jan 2024  
**Unique Number** : 10822860 **Diagnostician** : Jonathan Hester  
**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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