



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXJKF814262
 Component
Rear Right 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		JR0197313	JR0163692	JR0121292
Sample Date		Client Info		09 Jan 2024	03 Mar 2023	21 Feb 2022
Machine Age	hrs	Client Info		2889	1071	1071
Oil Age	hrs	Client Info		1818	1071	465
Filter Age	hrs	Client Info		0	0	465
Oil Changed		Client Info		Not Chngd	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	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		11	13	21
Iron	ppm	ASTM D5185m	>500	33	56	104
Chromium	ppm	ASTM D5185m	>15	0	1	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	>20	3	3	2
Lead	ppm	ASTM D5185m		0	<1	<1
Copper	ppm	ASTM D5185m	>35	0	<1	1
Tin	ppm	ASTM D5185m	>4	0	0	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

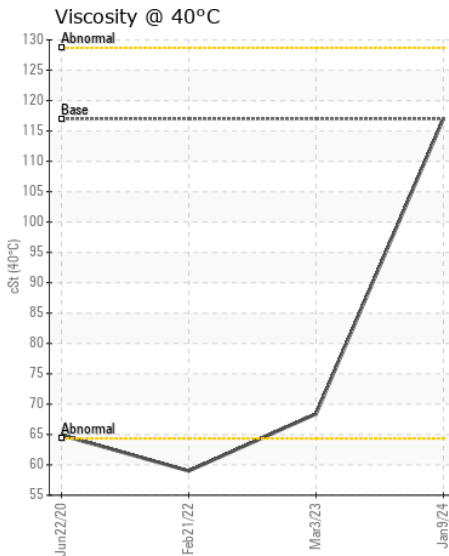
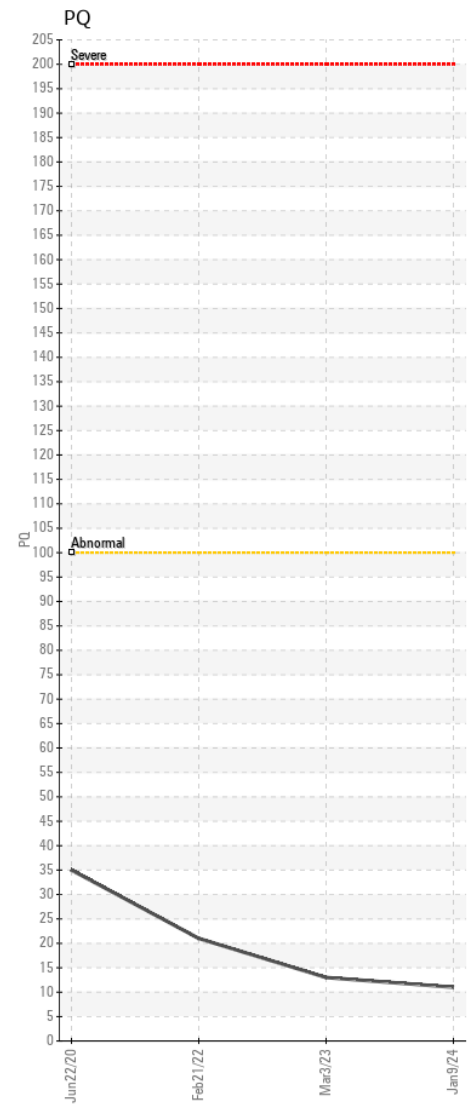
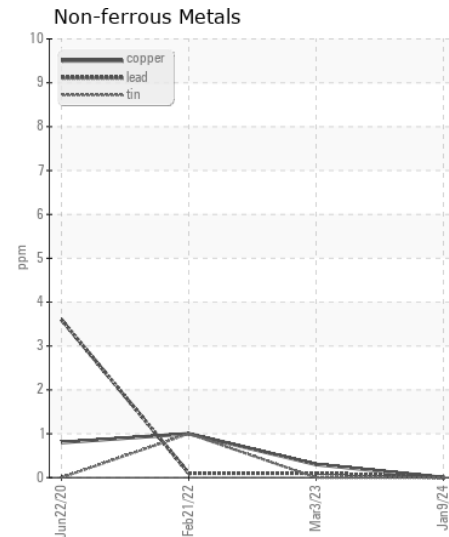
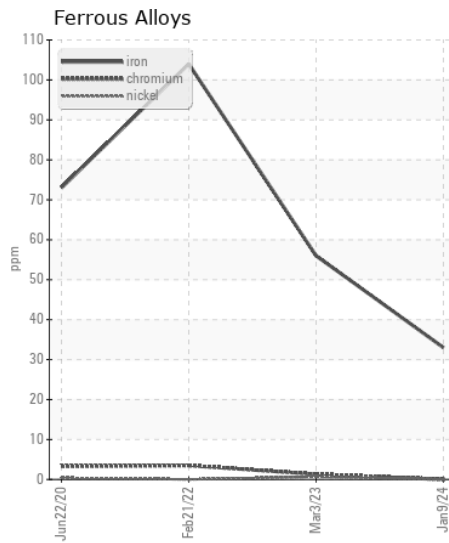
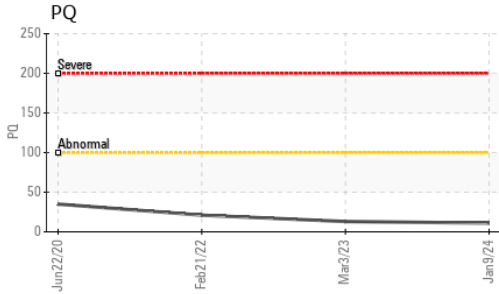
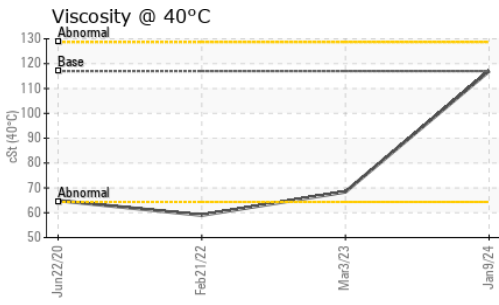
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	13	16	43
Potassium	ppm	ASTM D5185m	>20	1	2	0
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<1	0	4
Boron	ppm	ASTM D5185m		239	294	61
Barium	ppm	ASTM D5185m		0	<1	2
Molybdenum	ppm	ASTM D5185m		220	239	104
Manganese	ppm	ASTM D5185m		0	2	6
Magnesium	ppm	ASTM D5185m		727	700	16
Calcium	ppm	ASTM D5185m		1284	1596	4098
Phosphorus	ppm	ASTM D5185m		833	930	1207
Zinc	ppm	ASTM D5185m		984	1046	1218
Sulfur	ppm	ASTM D5185m		2763	3214	6484
Visc @ 40°C	cSt	ASTM D445	117	117	68.4	59.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0197313 **Received** : 10 Jan 2024
Lab Number : 06056901 **Diagnosed** : 11 Jan 2024
Unique Number : 10822850 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: RALEIGH SHOP
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com

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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