



Machine Id
JOHN DEERE 350P 1FF350PATPF000742
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (10 QTS)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

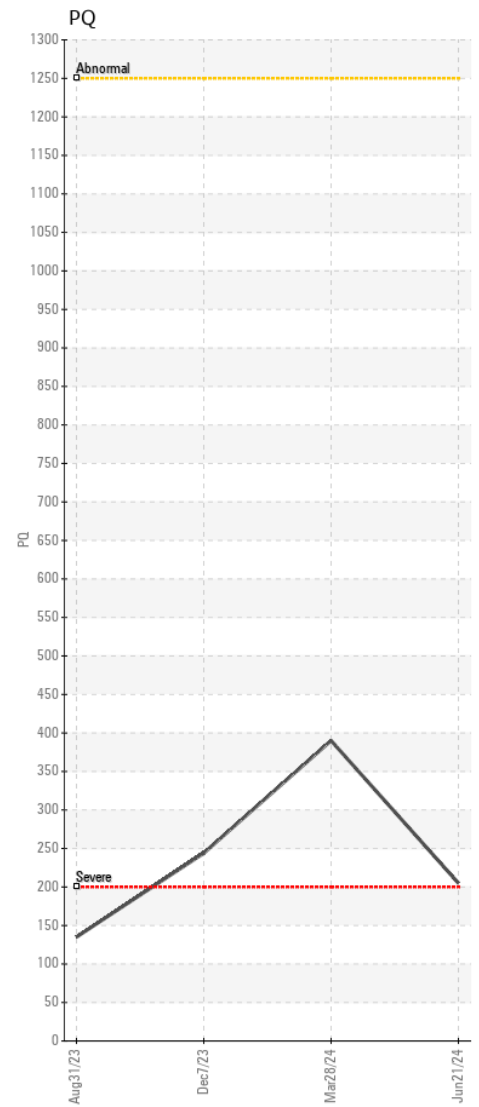
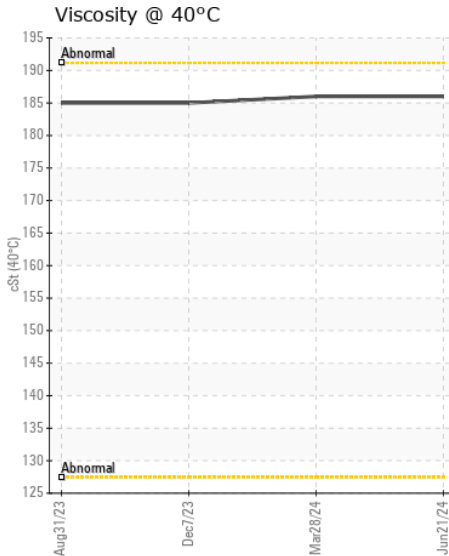
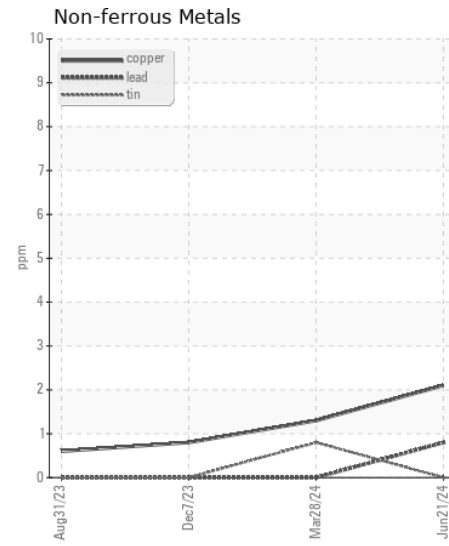
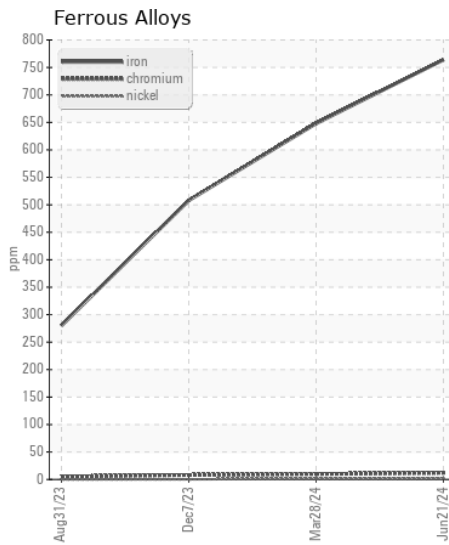
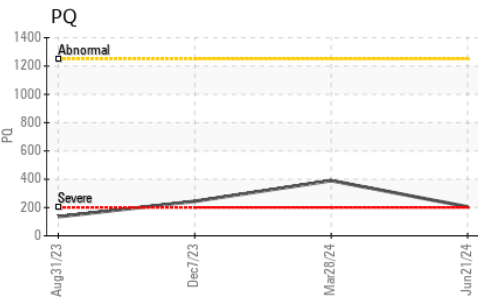
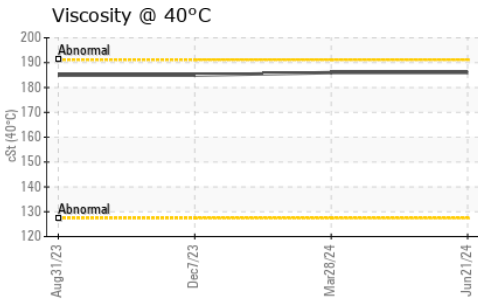
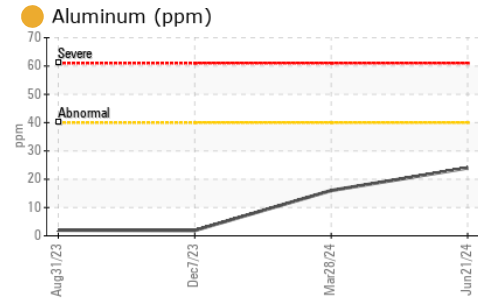
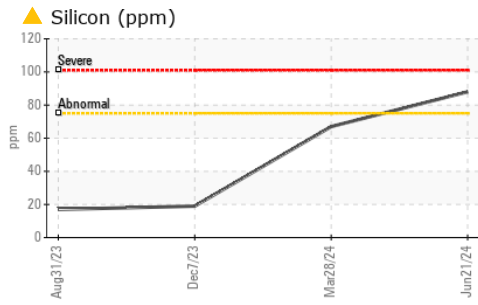
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218595	JR0211060	JR0195995
Sample Date		Client Info		21 Jun 2024	28 Mar 2024	07 Dec 2023
Machine Age	hrs	Client Info		2015	1454	965
Oil Age	hrs	Client Info		2015	1454	965
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>1250	205	390	244
Iron	ppm	ASTM D5185m	>750	764	648	508
Chromium	ppm	ASTM D5185m	>9	12	10	8
Nickel	ppm	ASTM D5185m	>10	2	1	<1
Titanium	ppm	ASTM D5185m		3	2	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	24	16	2
Lead	ppm	ASTM D5185m	>15	<1	0	0
Copper	ppm	ASTM D5185m	>40	2	1	<1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	88	67	19
Potassium	ppm	ASTM D5185m	>20	8	4	2
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	MODER	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	>0.075	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	3	4	0
Boron	ppm	ASTM D5185m		71	69	73
Barium	ppm	ASTM D5185m		5	3	0
Molybdenum	ppm	ASTM D5185m		2	<1	0
Manganese	ppm	ASTM D5185m		13	11	9
Magnesium	ppm	ASTM D5185m		10	2	0
Calcium	ppm	ASTM D5185m		26	59	0
Phosphorus	ppm	ASTM D5185m		586	479	466
Zinc	ppm	ASTM D5185m		38	31	0
Sulfur	ppm	ASTM D5185m		16931	17658	18559
Visc @ 40°C	cSt	ASTM D445		186	186	185



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218595 **Received** : 24 Jun 2024
Lab Number : 06218576 **Tested** : 25 Jun 2024
Unique Number : 11096773 **Diagnosed** : 26 Jun 2024 - Sean Felton
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)