



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[48055]

Machine Id

JOHN DEERE 350P 1FF350PAVPF000778

Component

Left Final Drive

Fluid

JOHN DEERE GL-5 80W90 (10 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225476	JR0208509	JR0189969
Sample Date		Client Info		10 Jul 2024	04 Mar 2024	23 Oct 2023
Machine Age	hrs	Client Info		1450	958	477
Oil Age	hrs	Client Info		1450	958	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	202	245	187
Iron	ppm	ASTM D5185m	>750	314	355	236
Chromium	ppm	ASTM D5185m	>9	4	5	4
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	2	3	0
Lead	ppm	ASTM D5185m	>15	0	<1	0
Copper	ppm	ASTM D5185m	>40	<1	5	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

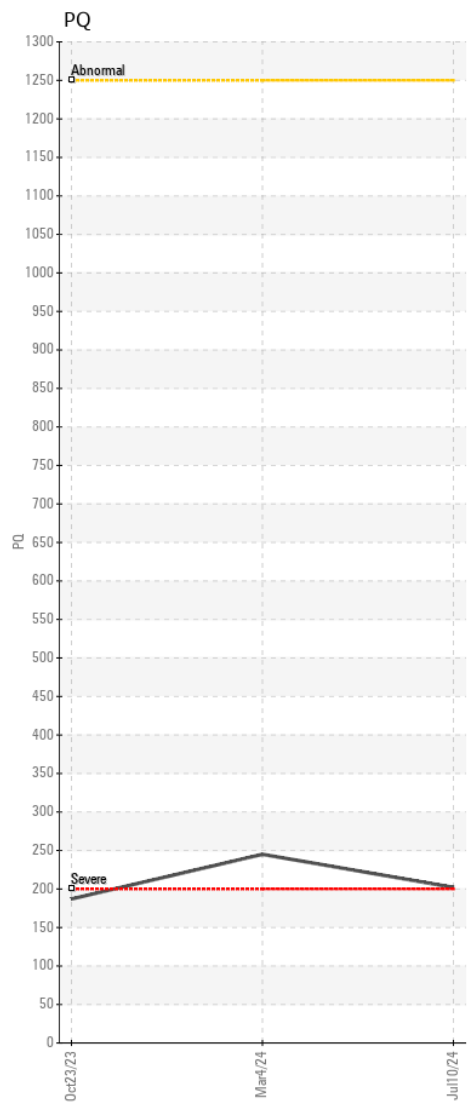
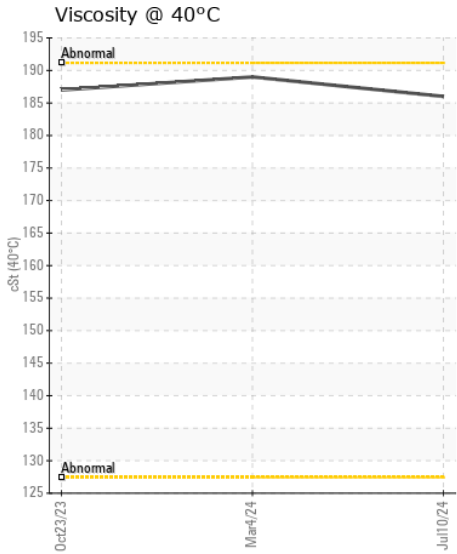
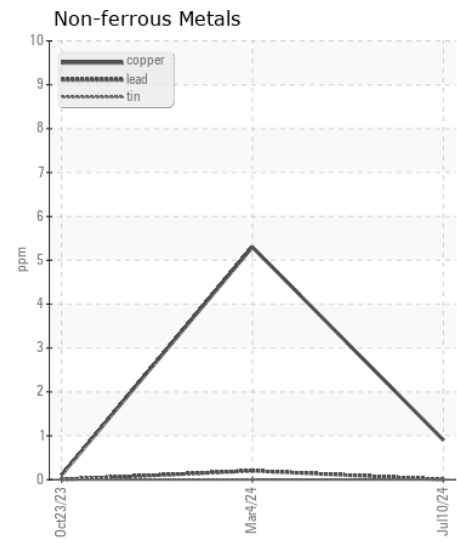
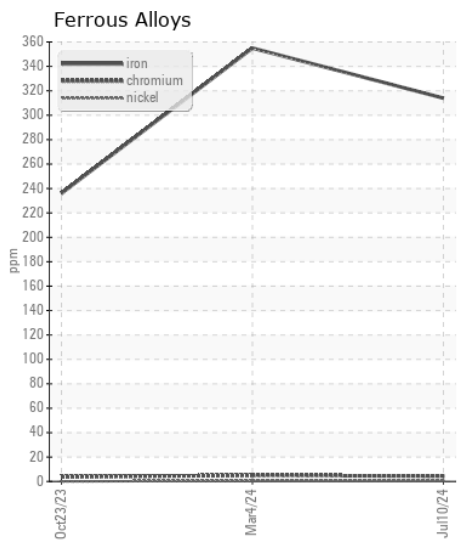
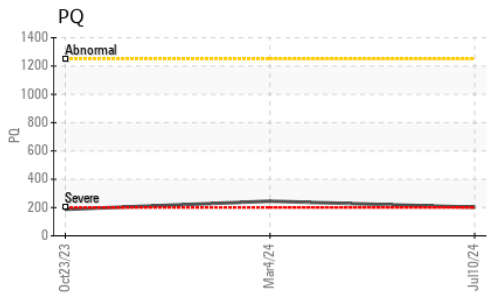
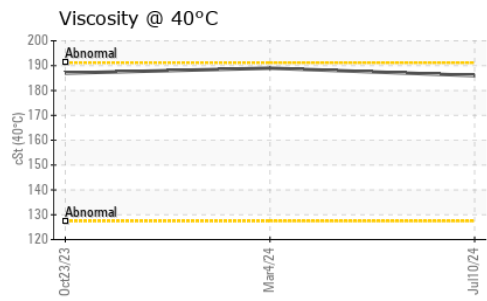
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	17	27	16
Potassium	ppm	ASTM D5185m	>20	2	3	0
Water		WC Method	>0.075	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	2
Boron	ppm	ASTM D5185m		81	89	76
Barium	ppm	ASTM D5185m		0	4	2
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		6	7	5
Magnesium	ppm	ASTM D5185m		2	4	2
Calcium	ppm	ASTM D5185m		13	114	28
Phosphorus	ppm	ASTM D5185m		487	582	319
Zinc	ppm	ASTM D5185m		15	44	5
Sulfur	ppm	ASTM D5185m		13565	17027	14204
Visc @ 40°C	cSt	ASTM D445		186	189	187



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225476 **Received** : 11 Jul 2024
Lab Number : 06233529 **Tested** : 12 Jul 2024
Unique Number : 11117022 **Diagnosed** : 13 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

B & S SITE DEVELOPMENT
 7800 PINEY BRANCH LANE
 BRISTOW, VA
 US 20136
 Contact: DANNY HUFF
 dhuff@bandssite.com
 T: (540)270-3203
 F: (703)753-0605

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)