



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W8326]
 Machine Id
JOHN DEERE 350P 1FF350PATPF000479
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (9 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W8326)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0183294	JR0185568	---
Sample Date		Client Info		03 Jan 2024	31 Aug 2023	---
Machine Age	hrs	Client Info		1027	517	---
Oil Age	hrs	Client Info		1027	517	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	232	132	---
Iron	ppm	ASTM D5185m	>750	301	201	---
Chromium	ppm	ASTM D5185m	>9	3	4	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	<1	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	0	<1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	MODER	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

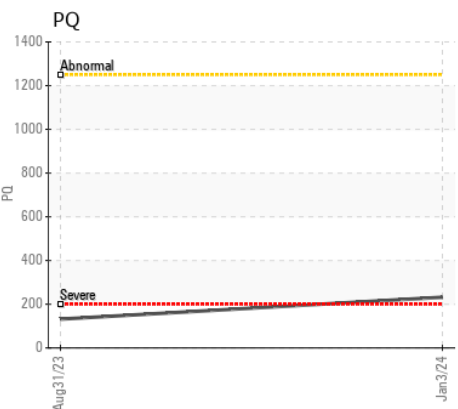
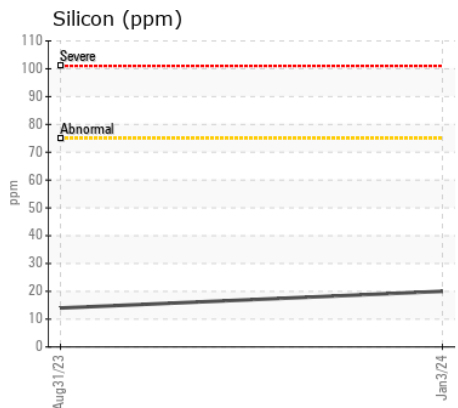
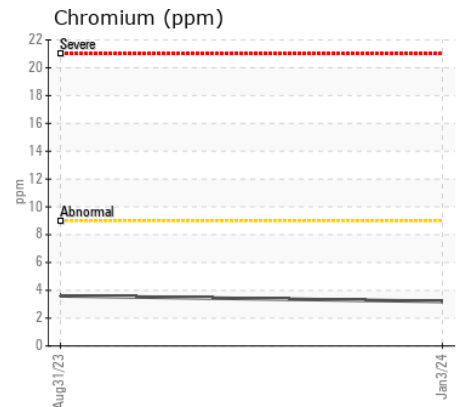
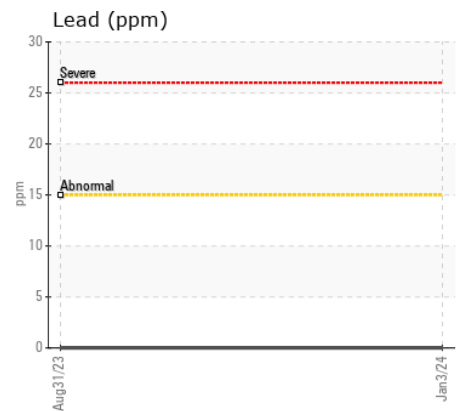
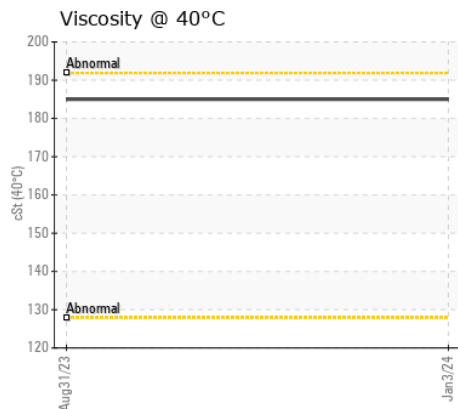
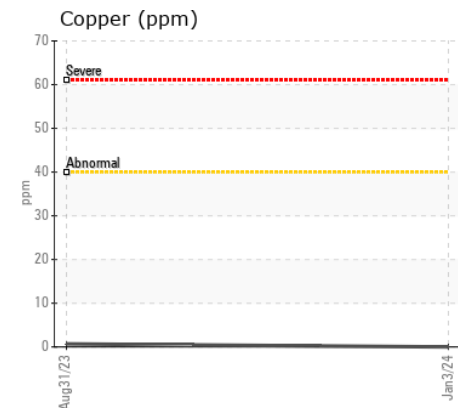
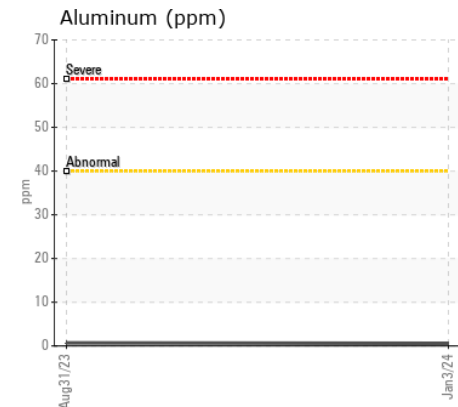
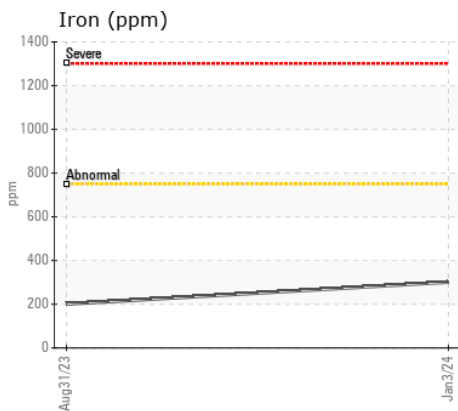
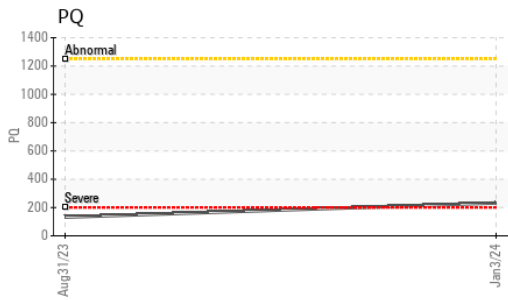
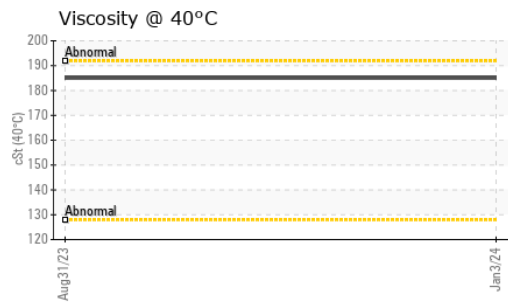
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	20	14	---
Potassium	ppm	ASTM D5185m	>20	<1	0	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	MODER	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<1	<1	---
Boron	ppm	ASTM D5185m		73	95	---
Barium	ppm	ASTM D5185m		2	0	---
Molybdenum	ppm	ASTM D5185m		5	0	---
Manganese	ppm	ASTM D5185m		5	5	---
Magnesium	ppm	ASTM D5185m		<1	0	---
Calcium	ppm	ASTM D5185m		194	20	---
Phosphorus	ppm	ASTM D5185m		555	537	---
Zinc	ppm	ASTM D5185m		67	<1	---
Sulfur	ppm	ASTM D5185m		15238	17878	---
Visc @ 40°C	cSt	ASTM D445		185	185	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0183294 **Received** : 08 Jan 2024
Lab Number : 06054240 **Diagnosed** : 09 Jan 2024
Unique Number : 10820189 **Diagnostician** : Sean Felton
Test Package : MOBCE (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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