



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[16W14501]

Machine Id

JOHN DEERE 350P 1FF350PAHNF000460

Component

Left Final Drive

Fluid

JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: 16W14501)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0173484	JR0173354	---
Sample Date		Client Info		20 Sep 2023	10 Jul 2023	---
Machine Age	hrs	Client Info		1055	550	---
Oil Age	hrs	Client Info		1055	550	---
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	195	247	---
Iron	ppm	ASTM D5185m	>750	452	379	---
Chromium	ppm	ASTM D5185m	>9	7	7	---
Nickel	ppm	ASTM D5185m	>10	1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	3	2	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	<1	1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	MODER	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

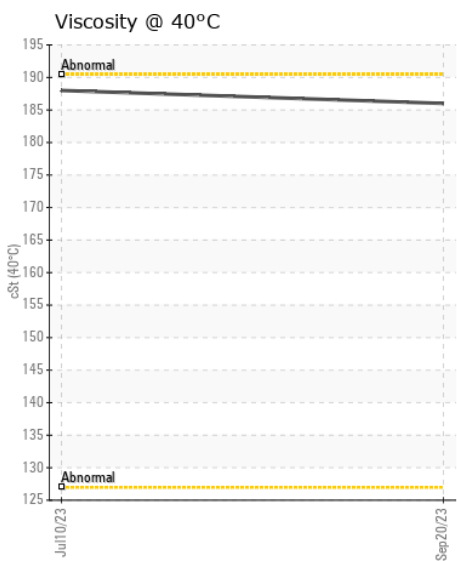
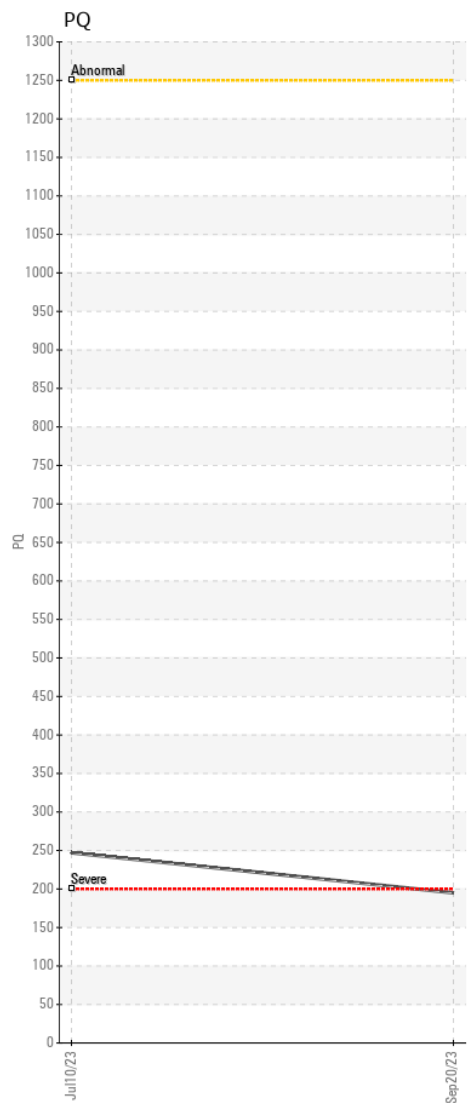
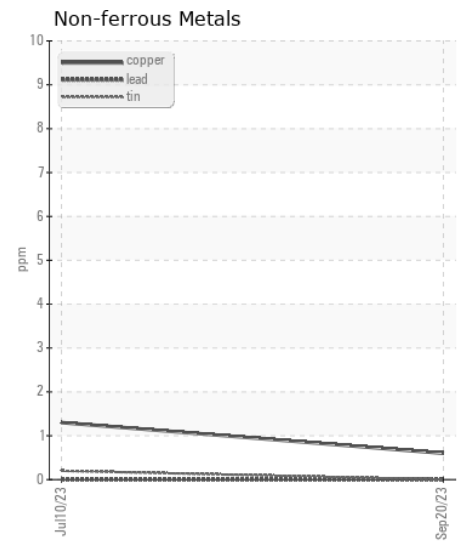
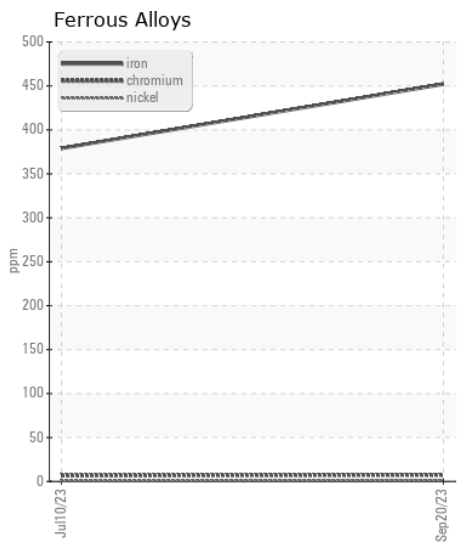
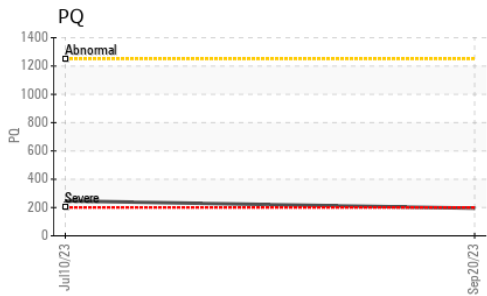
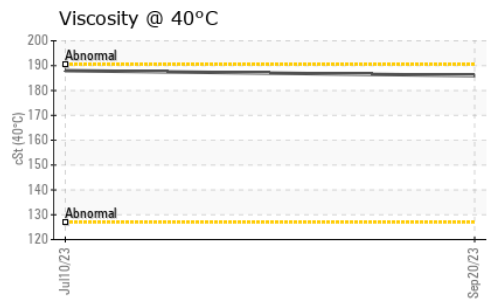
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	36	19	---
Potassium	ppm	ASTM D5185m	>20	3	2	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
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	2	<1	---
Boron	ppm	ASTM D5185m		72	77	---
Barium	ppm	ASTM D5185m		0	1	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		8	8	---
Magnesium	ppm	ASTM D5185m		3	<1	---
Calcium	ppm	ASTM D5185m		27	50	---
Phosphorus	ppm	ASTM D5185m		551	566	---
Zinc	ppm	ASTM D5185m		18	29	---
Sulfur	ppm	ASTM D5185m		19495	19470	---
Visc @ 40°C	cSt	ASTM D445		186	188	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0173484 **Received** : 22 Sep 2023
Lab Number : 05958753 **Tested** : 23 Sep 2023
Unique Number : 10659966 **Diagnosed** : 24 Sep 2023 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - CASTLE HAYNE
 113 CROWATAN ROAD
 CASTLE HAYNE, NC
 US 28429-5819

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: WILMINGTON SHOP
 todd.simmons@jamesriverequipment.com; canastasio@wearcheck.com; canastasio@we

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (910)675-9211

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: