



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[16W16473]

Machine Id

JOHN DEERE 350P 1FF350PAHPF000476

Component

Left Final Drive

Fluid

JOHN DEERE GL-5 80W90 (9 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: 16W16473)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0217205	JR0206838	JR0185421
Sample Date		Client Info		18 Jun 2024	28 Mar 2024	23 Oct 2023
Machine Age	hrs	Client Info		1986	1492	959
Oil Age	hrs	Client Info		1986	1492	959
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	111	157	119
Iron	ppm	ASTM D5185m	>750	222	219	214
Chromium	ppm	ASTM D5185m	>9	4	3	4
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	3	<1	<1
Lead	ppm	ASTM D5185m	>15	1	0	0
Copper	ppm	ASTM D5185m	>40	1	1	<1
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

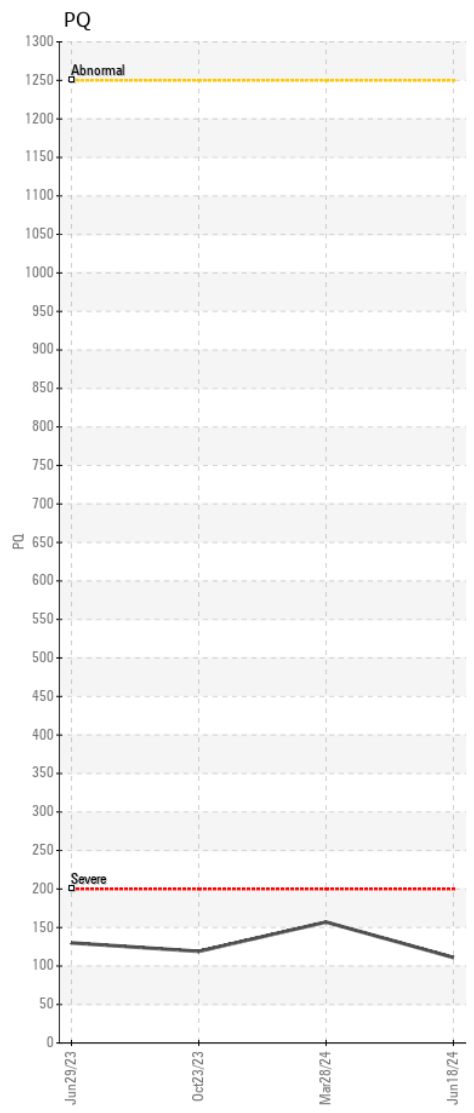
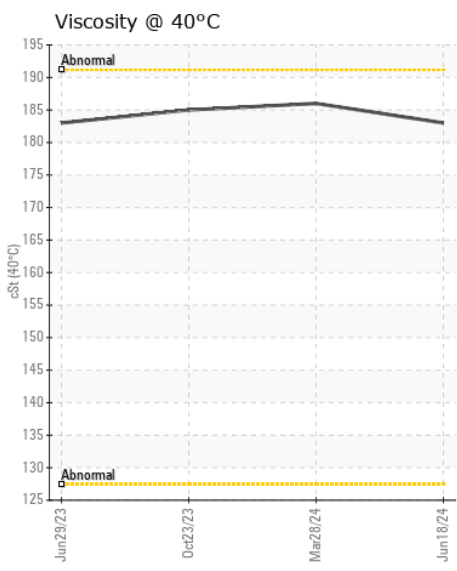
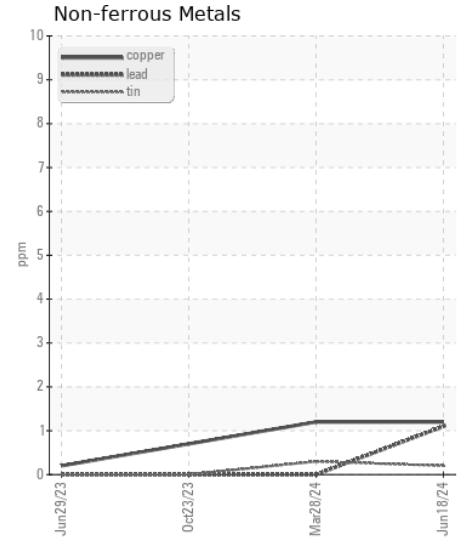
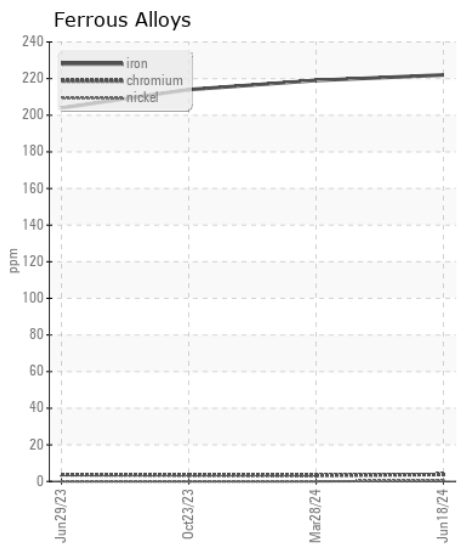
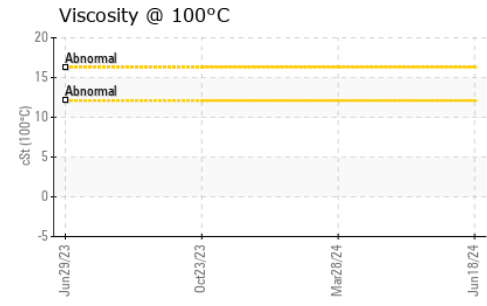
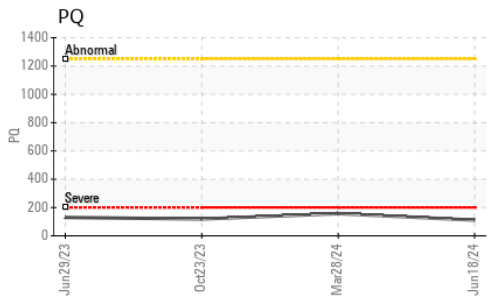
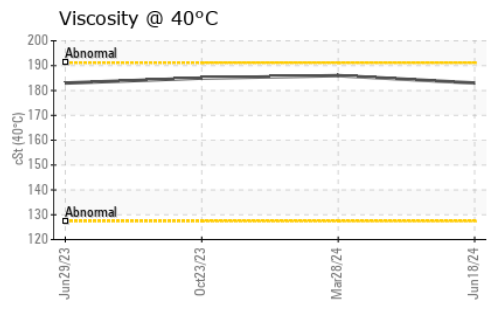
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	14	14	14
Potassium	ppm	ASTM D5185m	>20	2	0	<1
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	1	2
Boron	ppm	ASTM D5185m		88	73	73
Barium	ppm	ASTM D5185m		3	0	2
Molybdenum	ppm	ASTM D5185m		6	0	0
Manganese	ppm	ASTM D5185m		5	5	5
Magnesium	ppm	ASTM D5185m		19	0	0
Calcium	ppm	ASTM D5185m		63	60	20
Phosphorus	ppm	ASTM D5185m		534	497	462
Zinc	ppm	ASTM D5185m		52	13	15
Sulfur	ppm	ASTM D5185m		14651	17420	13507
Visc @ 40°C	cSt	ASTM D445		183.0	186	185



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0217205 **Received** : 20 Jun 2024
Lab Number : 06215464 **Tested** : 25 Jun 2024
Unique Number : 11088328 **Diagnosed** : 25 Jun 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: KV100, PQ)

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

Certificate L2367
 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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