



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[16W15833]
 Machine Id
JOHN DEERE 350P 1FF350PALPF000976
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (11 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: 16W15833)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0207023	JR0202561	JR0193912
Sample Date		Client Info		19 Mar 2024	15 Feb 2024	18 Dec 2023
Machine Age	hrs	Client Info		1991	1609	1031
Oil Age	hrs	Client Info		1991	1609	1031
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	166	165	153
Iron	ppm	ASTM D5185m	>750	259	303	172
Chromium	ppm	ASTM D5185m	>9	4	5	3
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	3	2	<1
Lead	ppm	ASTM D5185m	>15	<1	0	<1
Copper	ppm	ASTM D5185m	>40	1	1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	MODER	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

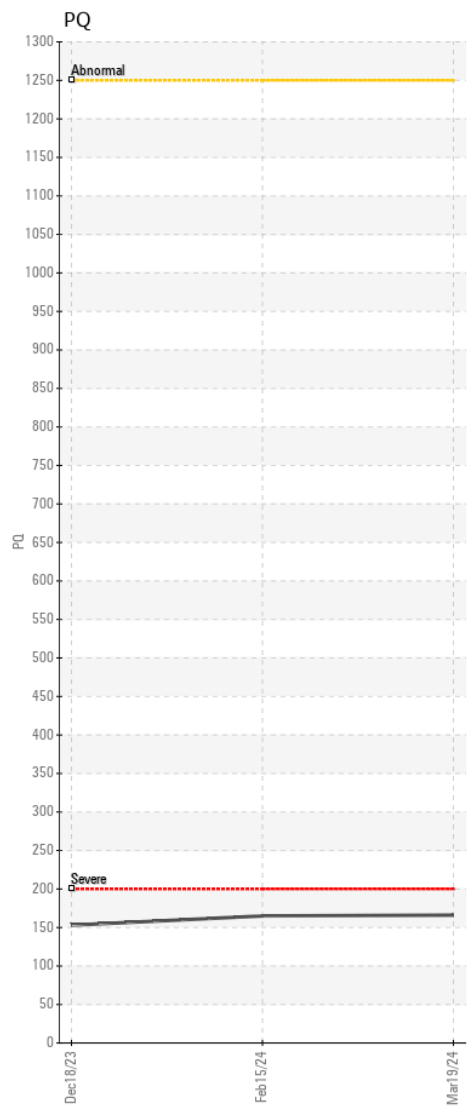
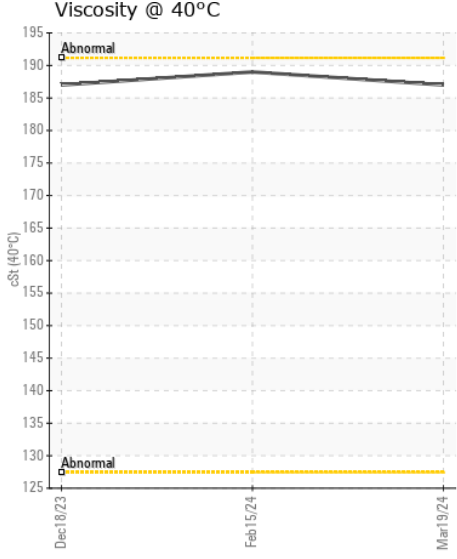
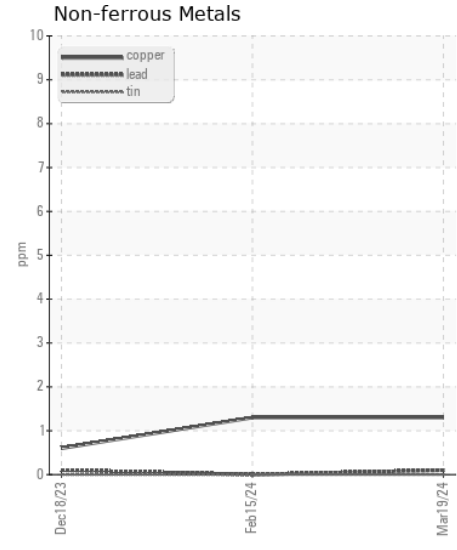
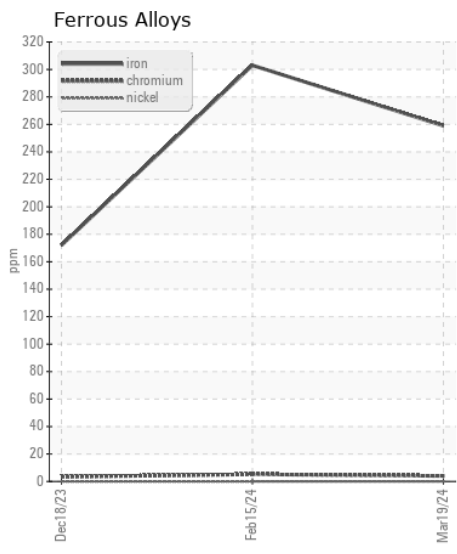
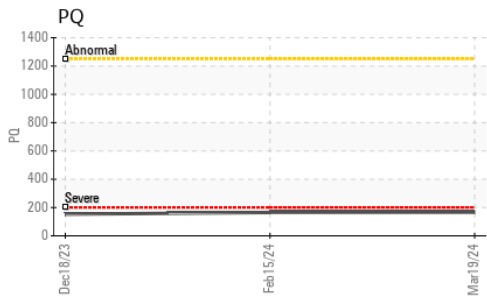
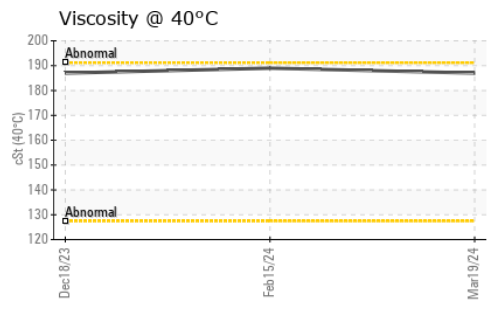
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	21	23	15
Potassium	ppm	ASTM D5185m	>20	2	1	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	0
Boron	ppm	ASTM D5185m		79	111	88
Barium	ppm	ASTM D5185m		4	13	0
Molybdenum	ppm	ASTM D5185m		<1	<1	2
Manganese	ppm	ASTM D5185m		6	7	4
Magnesium	ppm	ASTM D5185m		1	1	0
Calcium	ppm	ASTM D5185m		27	19	46
Phosphorus	ppm	ASTM D5185m		500	845	461
Zinc	ppm	ASTM D5185m		21	0	9
Sulfur	ppm	ASTM D5185m		16530	24959	14057
Visc @ 40°C	cSt	ASTM D445		187	189	187



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0207023 **Received** : 21 Mar 2024
Lab Number : 06125151 **Tested** : 25 Mar 2024
Unique Number : 10939302 **Diagnosed** : 25 Mar 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - CASTLE HAYNE
 113 CROWATAN ROAD
 CASTLE HAYNE, NC
 US 28429-5819
 Contact: WILMINGTON SHOP

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)