



WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAJNF000368
Component
Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0219817	JR0204324	JR0188030
Sample Date		Client Info		07 Jul 2024	22 Feb 2024	26 Oct 2023
Machine Age	hrs	Client Info		11560	11560	1090
Oil Age	hrs	Client Info		6892	11560	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	NORMAL	NORMAL

WEAR

An increase in the iron level is noted.

PQ		ASTM D8184	>1250	218	8	79
Iron	ppm	ASTM D5185m	>750	609	4	69
Chromium	ppm	ASTM D5185m	>9	8	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		2	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	17	0	0
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	2	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

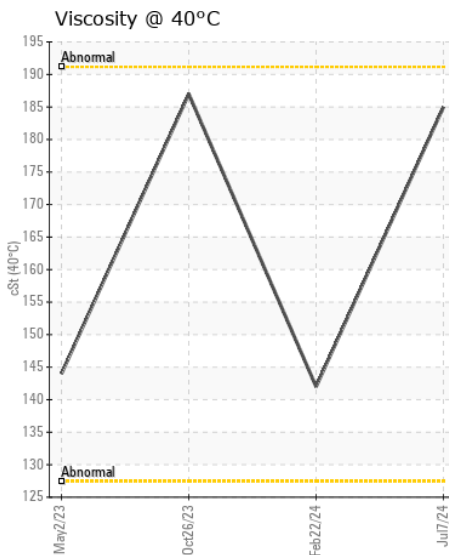
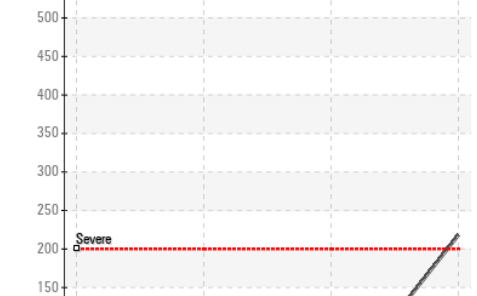
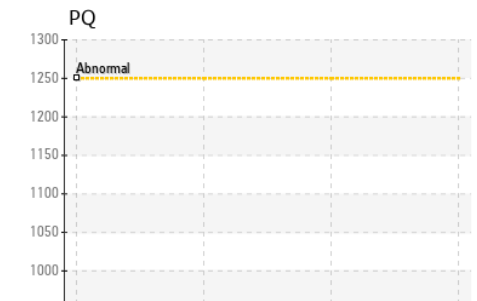
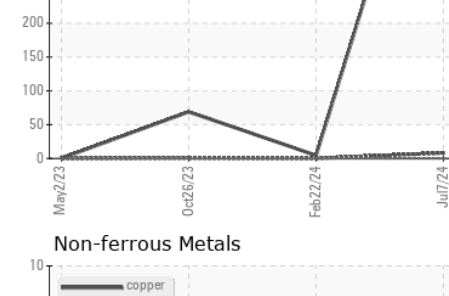
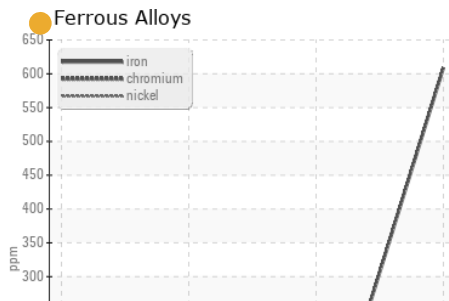
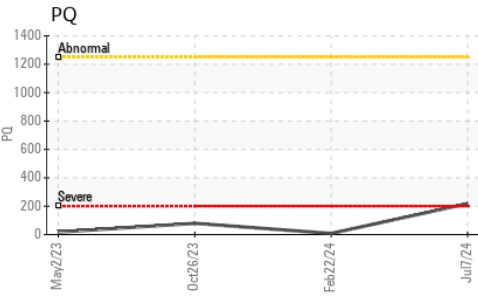
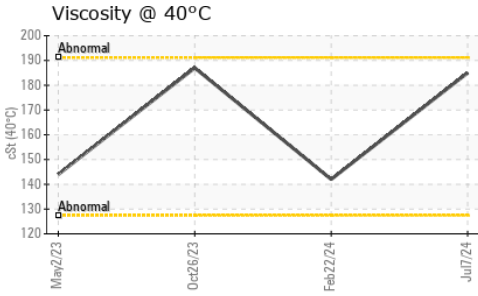
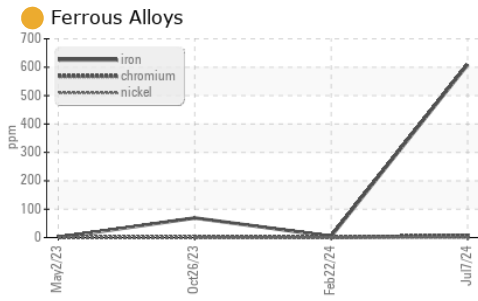
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	58	1	12
Potassium	ppm	ASTM D5185m	>20	1	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	4	0	1
Boron	ppm	ASTM D5185m		62	2	87
Barium	ppm	ASTM D5185m		4	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		10	0	2
Magnesium	ppm	ASTM D5185m		4	4	0
Calcium	ppm	ASTM D5185m		58	11	7
Phosphorus	ppm	ASTM D5185m		520	334	478
Zinc	ppm	ASTM D5185m		28	0	7
Sulfur	ppm	ASTM D5185m		16827	18314	14825
Visc @ 40°C	cSt	ASTM D445		185	142	187



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219817
Lab Number : 06231729
Unique Number : 11115222
Test Package : CONST (Additional Tests: PQ)

Received : 09 Jul 2024
Tested : 10 Jul 2024
Diagnosed : 11 Jul 2024 - Don Baldrige

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269

Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.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)

T: (704)597-0211
 F: (704)596-6198