



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W63939]
 Machine Id
JOHN DEERE 770GP 1DW770GPEEF665757
 Component
Right Tandem
 Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (20 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W63939)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0203557	JR0133650	---
Sample Date		Client Info		09 Feb 2024	24 Jun 2022	---
Machine Age	hrs	Client Info		2000	1026	---
Oil Age	hrs	Client Info		1026	1026	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		82	42	---
Iron	ppm	ASTM D5185m	>250	224	100	---
Chromium	ppm	ASTM D5185m	>11	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	2	---
Lead	ppm	ASTM D5185m	>11	<1	<1	---
Copper	ppm	ASTM D5185m	>25	10	4	---
Tin	ppm	ASTM D5185m		<1	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

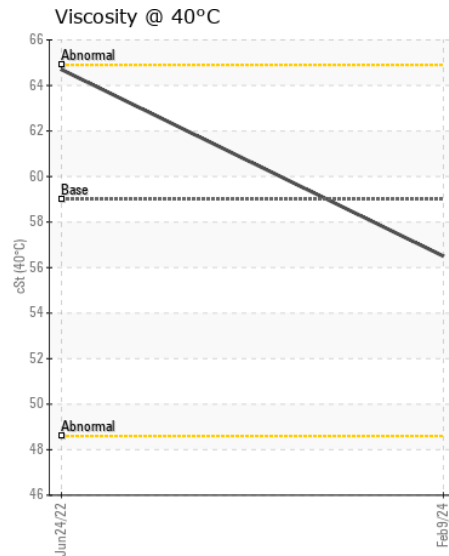
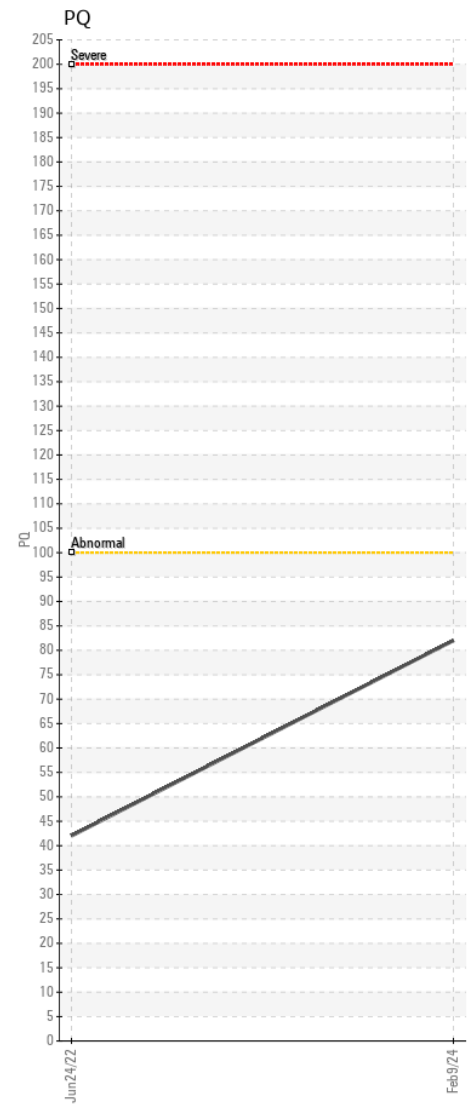
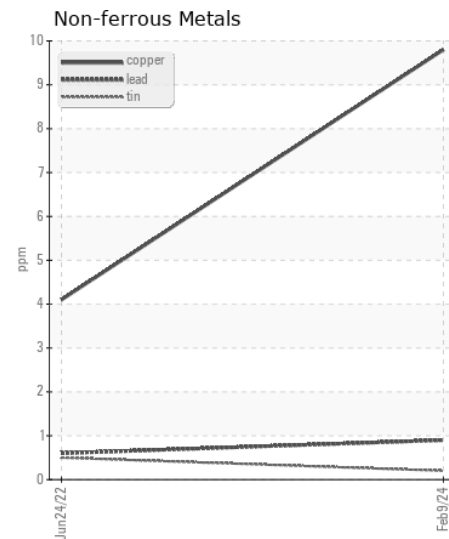
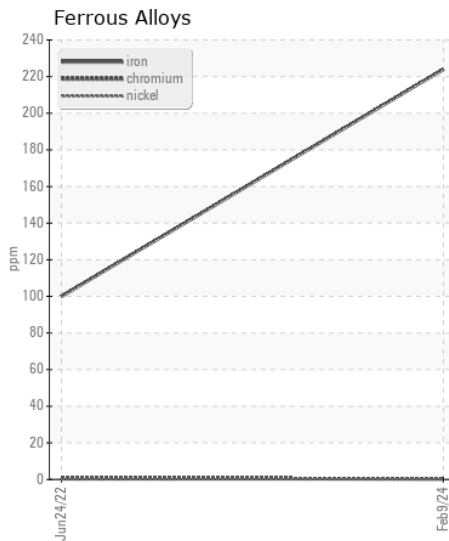
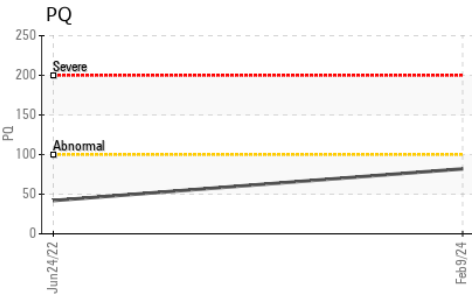
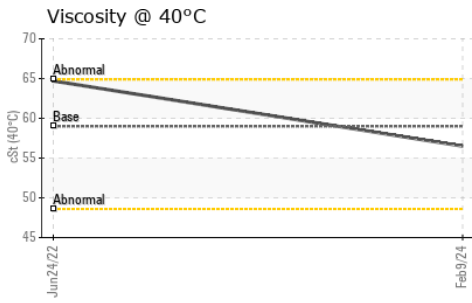
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>100	5	11	---
Potassium	ppm	ASTM D5185m	>20	2	3	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	▲ MILKY	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	▲ 0.2%	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>21	0	2	---
Boron	ppm	ASTM D5185m		0	14	---
Barium	ppm	ASTM D5185m		13	3	---
Molybdenum	ppm	ASTM D5185m		<1	1	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m		97	97	---
Calcium	ppm	ASTM D5185m		3347	2937	---
Phosphorus	ppm	ASTM D5185m		1087	1162	---
Zinc	ppm	ASTM D5185m		1208	1451	---
Sulfur	ppm	ASTM D5185m		4325	4762	---
Visc @ 40°C	cSt	ASTM D445	59	56.5	64.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0203557 **Received** : 14 Feb 2024
Lab Number : 06089112 **Tested** : 15 Feb 2024
Unique Number : 10876557 **Diagnosed** : 15 Feb 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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)

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