



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W46909]

Machine Id

JOHN DEERE 624 P 1DW624PATPLX19403

Component

Brake

Fluid

JOHN DEERE HY-GARD HYD/TRANS (1 QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0217804	---	---
Sample Date		Client Info		29 May 2024	---	---
Machine Age	hrs	Client Info		472	---	---
Oil Age	hrs	Client Info		472	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

Metal levels are typical for a new component breaking in.

Test	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		24	---	---
Iron	ppm	ASTM D5185m	>350	111	---	---
Chromium	ppm	ASTM D5185m	>5	<1	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>8	1	---	---
Lead	ppm	ASTM D5185m	>10	53	---	---
Copper	ppm	ASTM D5185m	>150	148	---	---
Tin	ppm	ASTM D5185m	>5	3	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

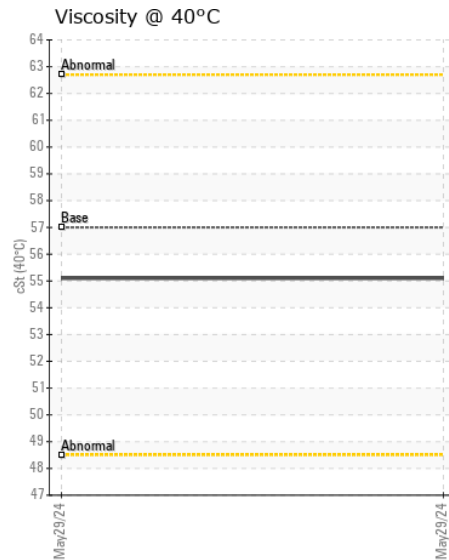
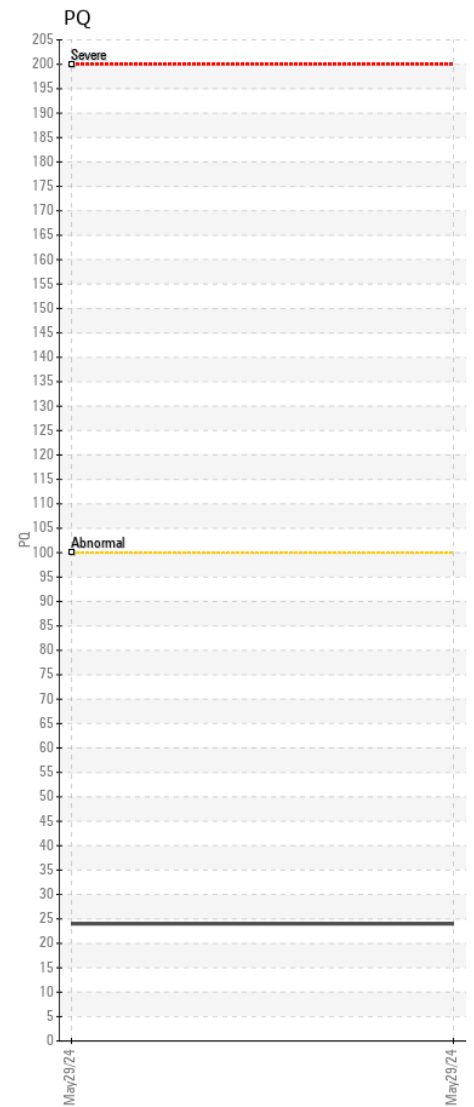
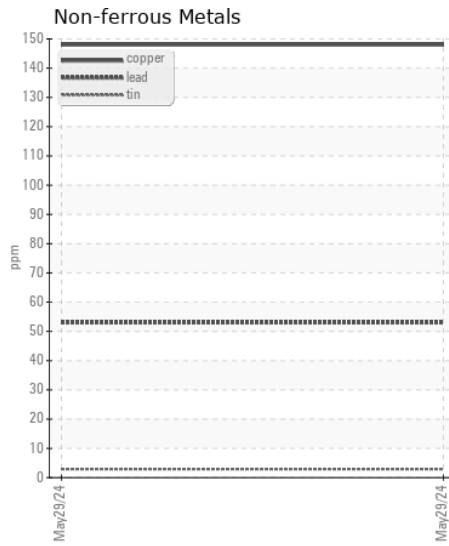
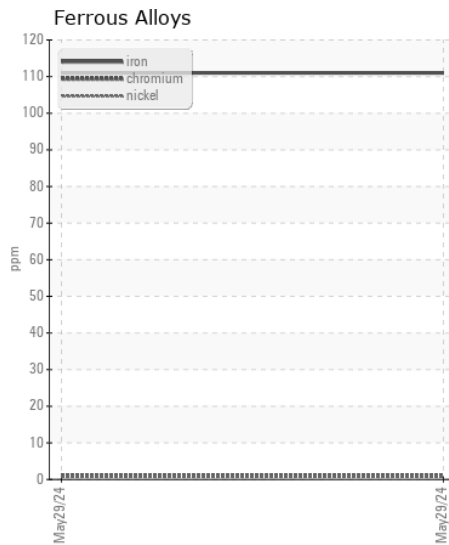
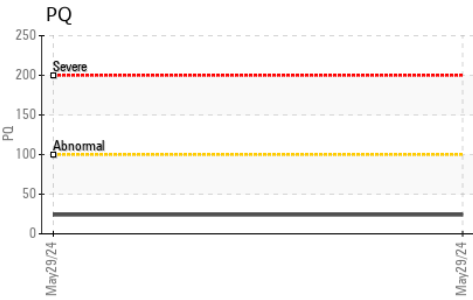
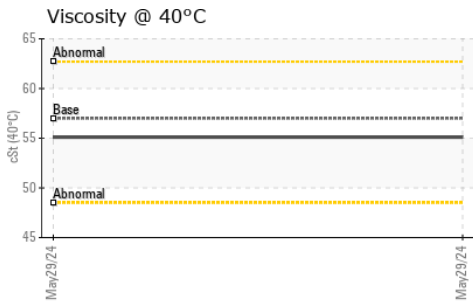
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>400	10	---	---
Potassium	ppm	ASTM D5185m	>20	5	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		8	---	---
Boron	ppm	ASTM D5185m	6	4	---	---
Barium	ppm	ASTM D5185m	0	7	---	---
Molybdenum	ppm	ASTM D5185m	0	1	---	---
Manganese	ppm	ASTM D5185m		5	---	---
Magnesium	ppm	ASTM D5185m	145	132	---	---
Calcium	ppm	ASTM D5185m	3570	4822	---	---
Phosphorus	ppm	ASTM D5185m	1290	1552	---	---
Zinc	ppm	ASTM D5185m	1640	1666	---	---
Sulfur	ppm	ASTM D5185m		6121	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	55.1	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0217804 **Received** : 31 May 2024
Lab Number : 06196931 **Tested** : 03 Jun 2024
Unique Number : 11059054 **Diagnosed** : 04 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)