



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W52293]

Machine Id
JOHN DEERE 944X M02-0932 1DW944XAPPLX03758

Component
Transmission (Manual)

Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0211775	JR0200162	---
Sample Date		Client Info		13 Jun 2024	19 Jan 2024	---
Machine Age	hrs	Client Info		986	311	---
Oil Age	hrs	Client Info		0	311	---
Filter Age	hrs	Client Info		0	311	---
Oil Changed		Client Info		Not Chngd	Changed	---
Filter Changed		Client Info		Not Chngd	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	12	12	---
Iron	ppm	ASTM D5185m	>200	8	7	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>7	0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	0	---
Lead	ppm	ASTM D5185m	>45	0	0	---
Copper	ppm	ASTM D5185m	>225	12	2	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

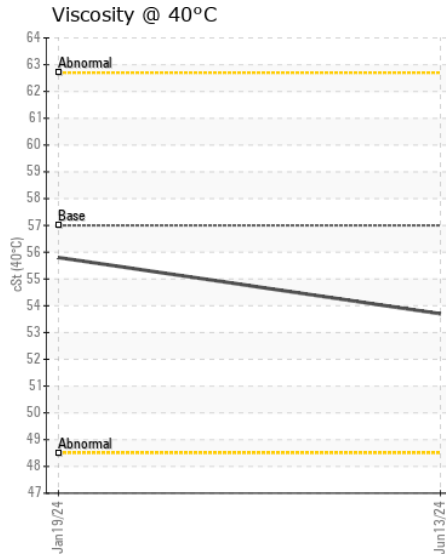
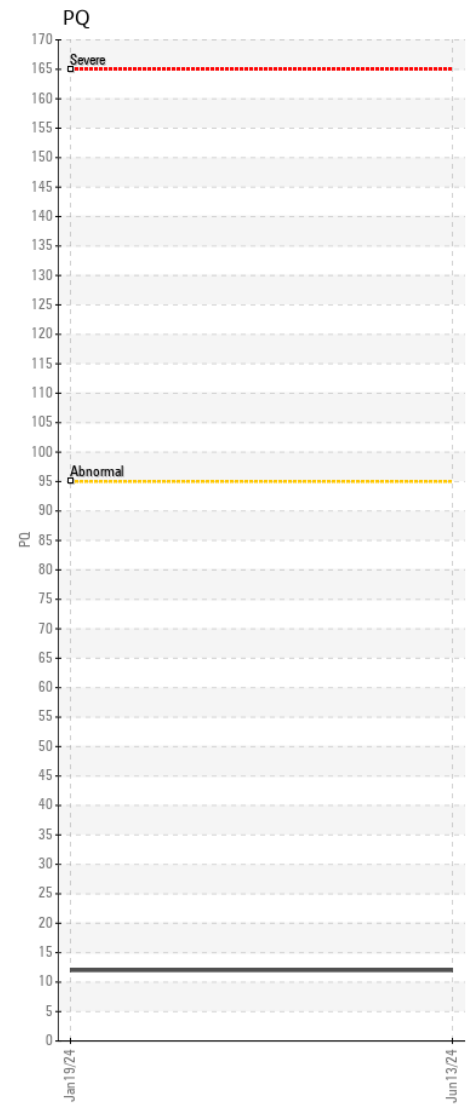
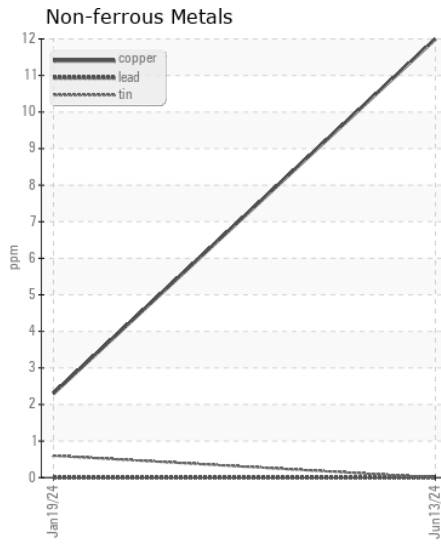
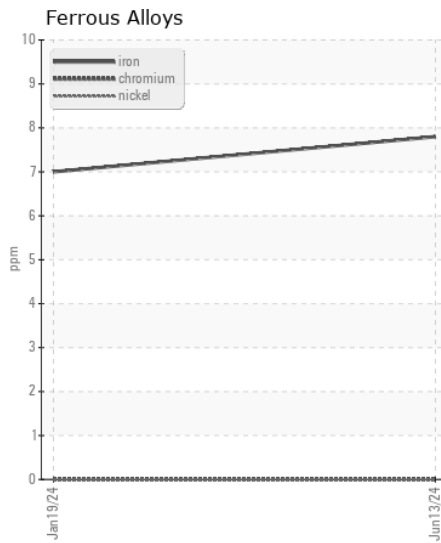
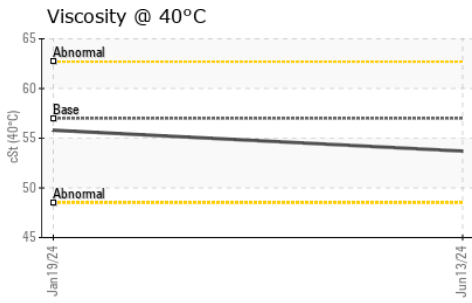
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	19	18	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		3	3	---
Boron	ppm	ASTM D5185m	6	4	2	---
Barium	ppm	ASTM D5185m	0	1	4	---
Molybdenum	ppm	ASTM D5185m	0	5	<1	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m	145	115	101	---
Calcium	ppm	ASTM D5185m	3570	3347	3374	---
Phosphorus	ppm	ASTM D5185m	1290	1004	1021	---
Zinc	ppm	ASTM D5185m	1640	1168	1192	---
Sulfur	ppm	ASTM D5185m		3733	3442	---
Visc @ 40°C	cSt	ASTM D445	57.0	53.7	55.8	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0211775 **Received** : 18 Jun 2024
Lab Number : 06213688 **Tested** : 20 Jun 2024
Unique Number : 11086552 **Diagnosed** : 20 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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