



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 768L-II 1DW768LBCMF712062

Component
Transmission (Manual)

Fluid
JOHN DEERE HY-GARD HYD/TRANS (15 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0176984	JR0161246	JR0110321
Sample Date		Client Info		12 May 2024	09 Feb 2024	12 Jan 2022
Machine Age	hrs	Client Info		4675	4470	502
Oil Age	hrs	Client Info		0	0	502
Filter Age	hrs	Client Info		0	0	502
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	13	14	17
Iron	ppm	ASTM D5185m	>200	16	16	13
Chromium	ppm	ASTM D5185m	>5	0	0	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	1
Lead	ppm	ASTM D5185m	>45	0	0	<1
Copper	ppm	ASTM D5185m	>225	3	3	2
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

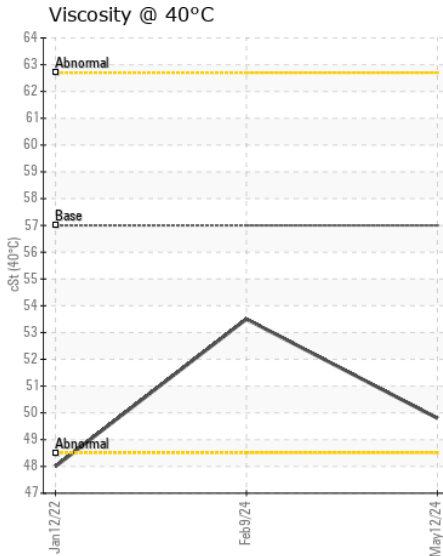
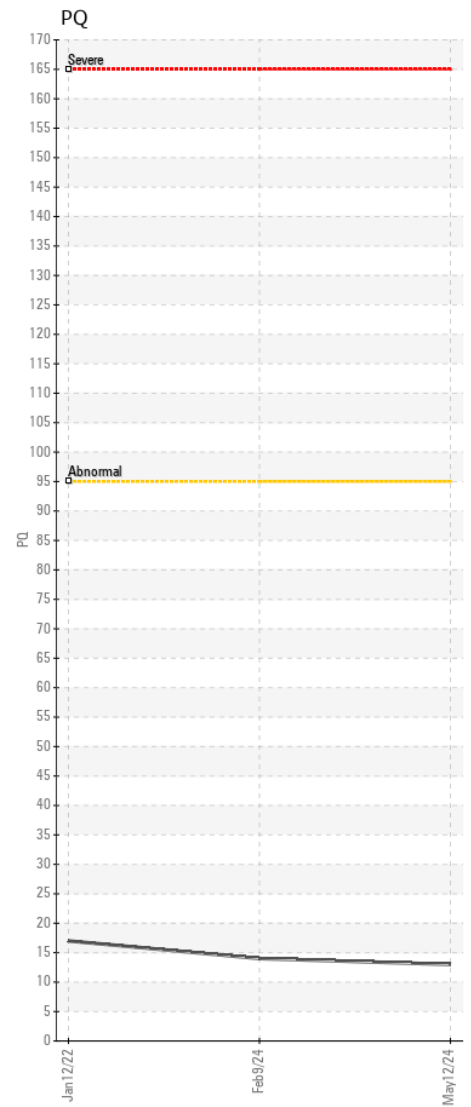
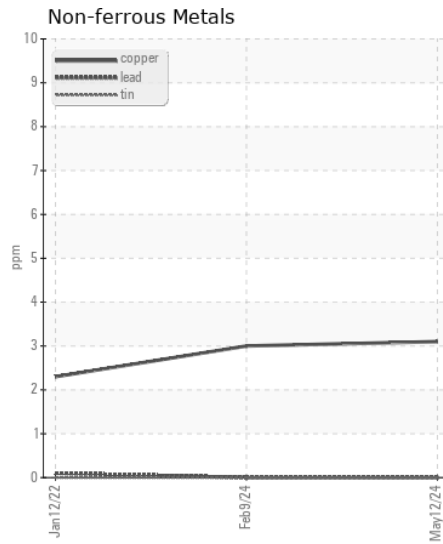
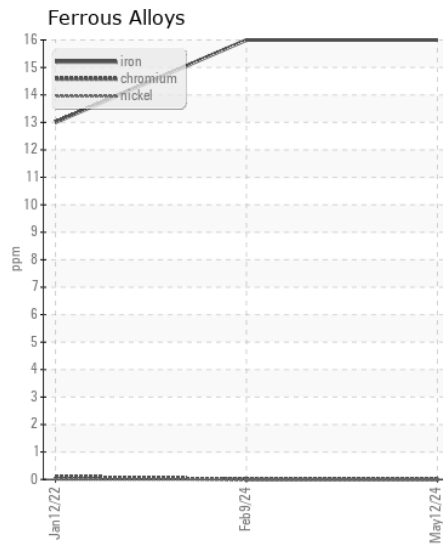
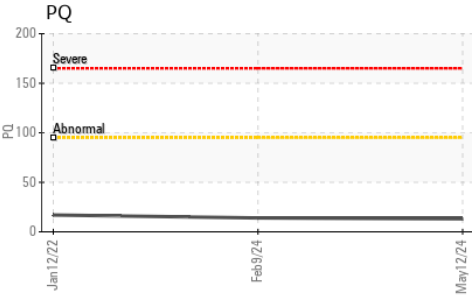
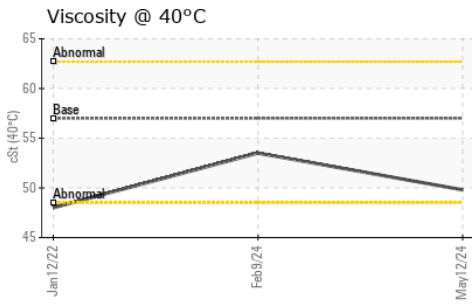
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	3	4	4
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	2	9
Boron	ppm	ASTM D5185m	6	0	2	6
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	1
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	145	89	96	82
Calcium	ppm	ASTM D5185m	3570	3280	3420	3290
Phosphorus	ppm	ASTM D5185m	1290	1012	1025	941
Zinc	ppm	ASTM D5185m	1640	1160	1299	1209
Sulfur	ppm	ASTM D5185m		3788	3491	3251
Visc @ 40°C	cSt	ASTM D445	57.0	49.8	53.5	48.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0176984

Lab Number : 06186410

Unique Number : 11043162

Test Package : CONST (Additional Tests: PQ)

Received : 21 May 2024

Tested : 22 May 2024

Diagnosed : 22 May 2024 - Wes Davis

JRE - MOUNT GILEAD

305 NORTH MAIN STREET

MOUNT GILEAD, NC

US 27306

Contact: ADAM CRUMP

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T:

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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)