



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 5705E 42000611 (S/N 1PY5075ELKK409754)

Component
Transmission

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

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0189787	JR0093322	---
Sample Date		Client Info		11 Jan 2024	23 May 2022	---
Machine Age	hrs	Client Info		218	113	---
Oil Age	hrs	Client Info		218	113	---
Filter Age	hrs	Client Info		218	113	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	25	28	---
Iron	ppm	ASTM D5185m	>61	26	21	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>20	2	2	---
Lead	ppm	ASTM D5185m	>9	2	3	---
Copper	ppm	ASTM D5185m	>100	88	97	---
Tin	ppm	ASTM D5185m	>3	0	1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

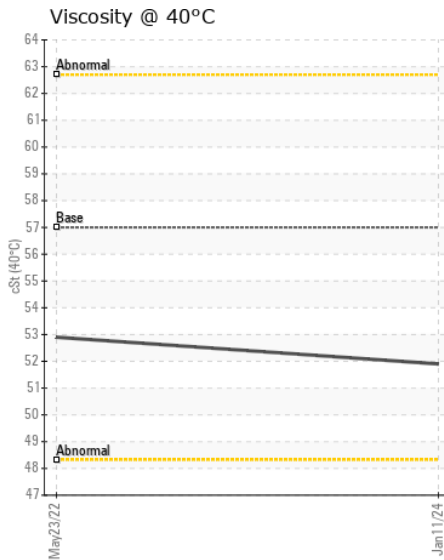
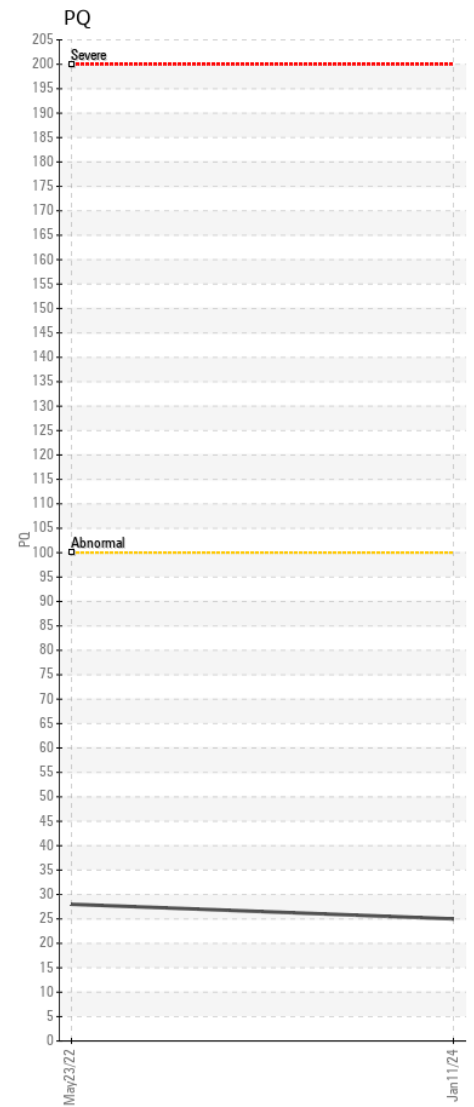
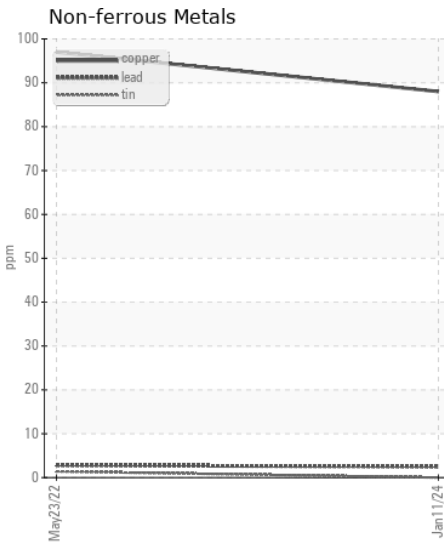
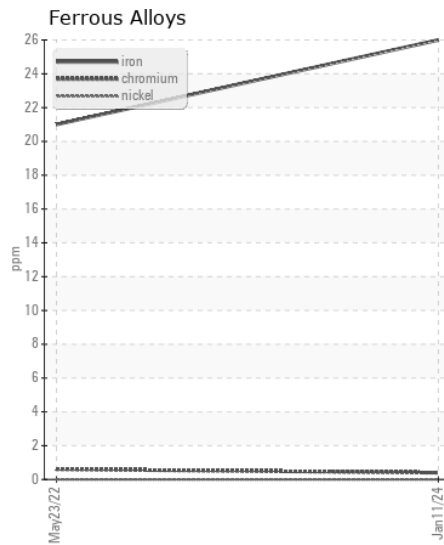
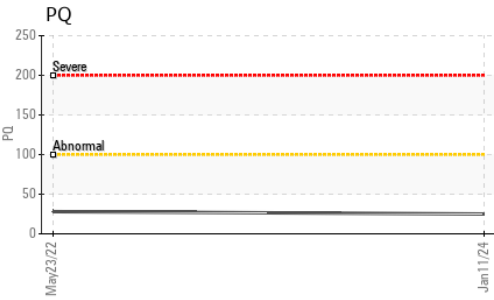
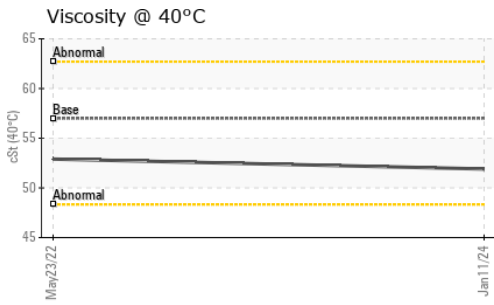
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	8	8	---
Potassium	ppm	ASTM D5185m	>20	2	<1	---
Water		WC Method	>0.075	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	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	7	8	---
Boron	ppm	ASTM D5185m	6	12	15	---
Barium	ppm	ASTM D5185m	0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	1	2	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m	145	82	93	---
Calcium	ppm	ASTM D5185m	3570	3010	3242	---
Phosphorus	ppm	ASTM D5185m	1290	948	917	---
Zinc	ppm	ASTM D5185m	1640	1115	1162	---
Sulfur	ppm	ASTM D5185m		3880	4243	---
Visc @ 40°C	cSt	ASTM D445	57.0	51.9	52.9	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0189787 **Received** : 17 Jan 2024
Lab Number : 06063815 **Diagnosed** : 19 Jan 2024
Unique Number : 10835197 **Diagnostician** : Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - LA CROSSE
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 LA CROSSE, VA
 US 23950-1807
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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)