



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W8430]
 Machine Id
JOHN DEERE 700L 1T0700LXEPF449590
 Component
Transmission (Manual)
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (27 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W8430)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0183123	---	---
Sample Date		Client Info		25 Jan 2024	---	---
Machine Age	hrs	Client Info		528	---	---
Oil Age	hrs	Client Info		528	---	---
Filter Age	hrs	Client Info		528	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

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

CONTAMINATION

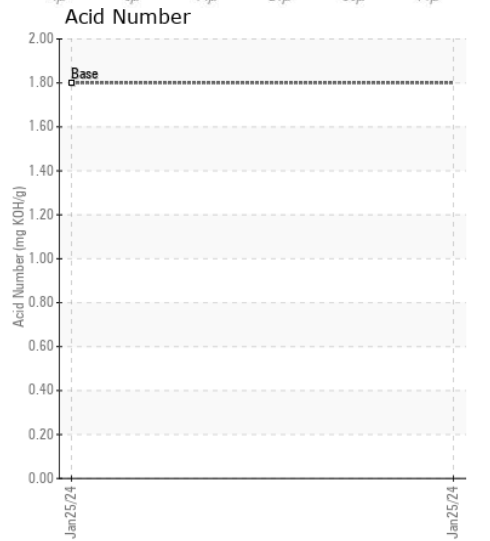
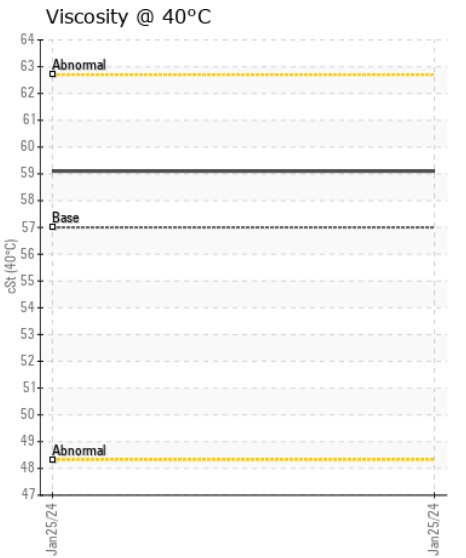
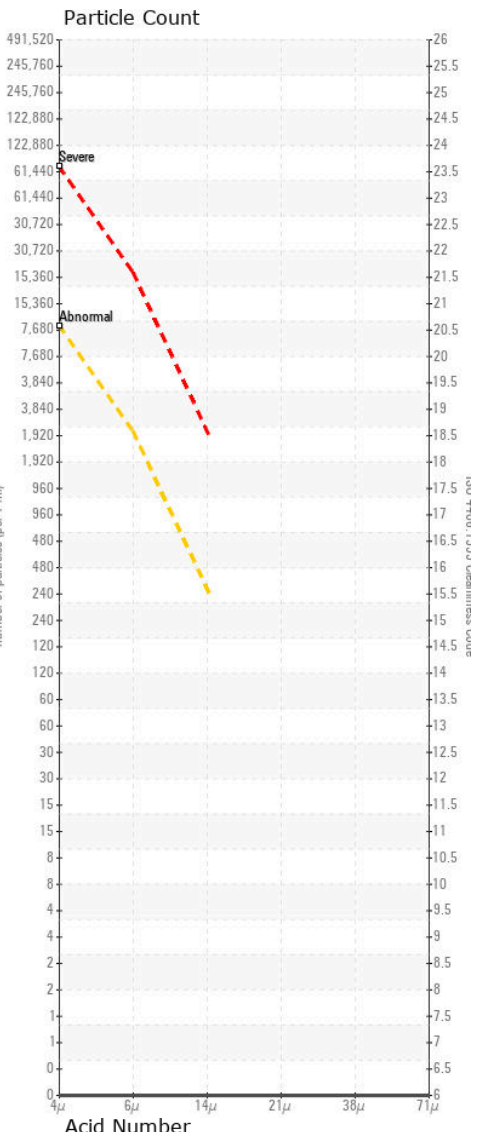
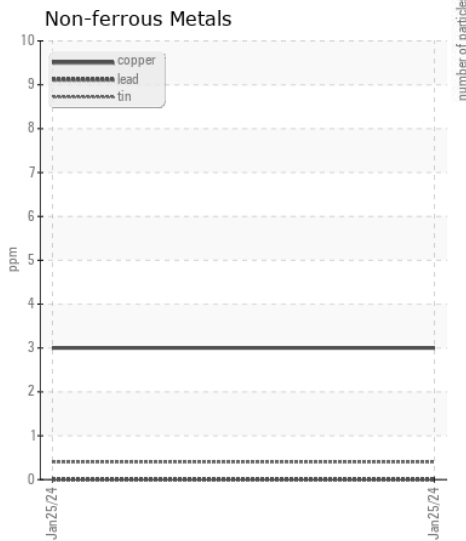
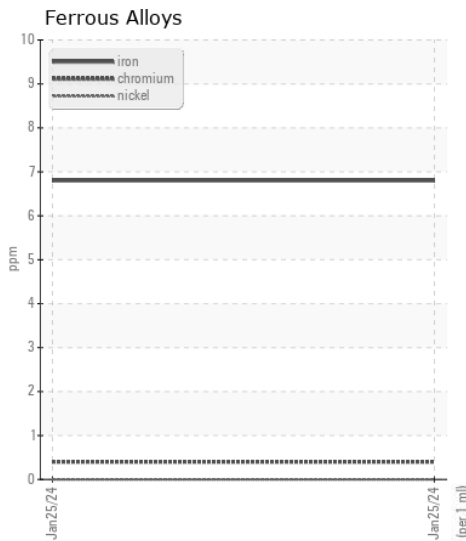
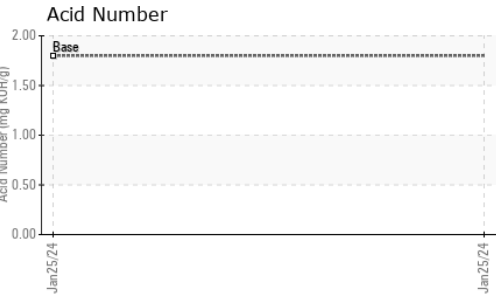
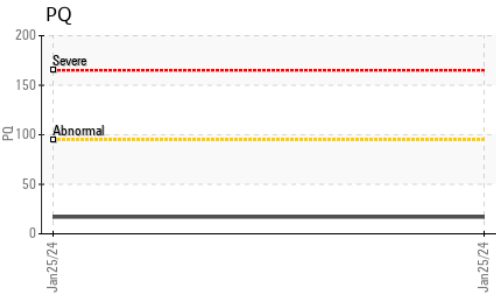
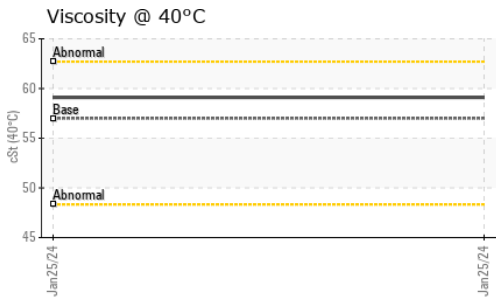
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	2	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.1	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	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<1	---	---
Boron	ppm	ASTM D5185m	6	0	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	145	<1	---	---
Calcium	ppm	ASTM D5185m	3570	80	---	---
Phosphorus	ppm	ASTM D5185m	1290	664	---	---
Zinc	ppm	ASTM D5185m	1640	827	---	---
Sulfur	ppm	ASTM D5185m		1613	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	59.1	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0183123 **Received** : 31 Jan 2024
Lab Number : 06075620 **Diagnosed** : 02 Feb 2024
Unique Number : 10857711 **Diagnostician** : Jonathan Hester
Test Package : MOBCE (Additional Tests: PQ, PrtCount)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: RALEIGH SHOP
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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)

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