



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 700L 1T0700LXHNF430145

Component
Left Final Drive

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0202852	JR0191183	JR0156585
Sample Date		Client Info		05 Feb 2024	08 Nov 2023	26 Aug 2023
Machine Age	hrs	Client Info		2473	2072	1631
Oil Age	hrs	Client Info		401	1443	629
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	57	8	46
Iron	ppm	ASTM D5185m	>750	62	6	50
Chromium	ppm	ASTM D5185m	>9	1	0	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		1	0	0
Aluminum	ppm	ASTM D5185m	>40	2	<1	2
Lead	ppm	ASTM D5185m	>15	0	0	1
Copper	ppm	ASTM D5185m	>40	<1	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

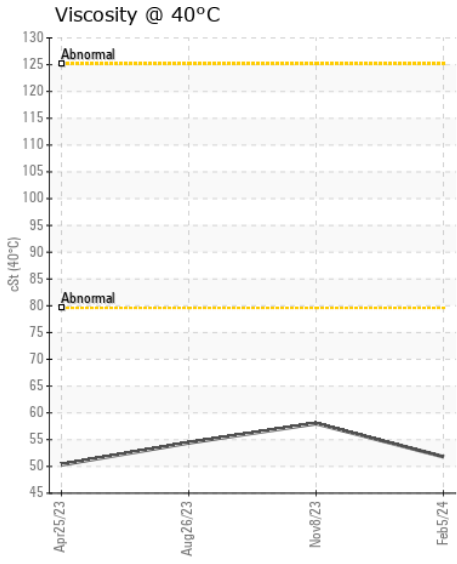
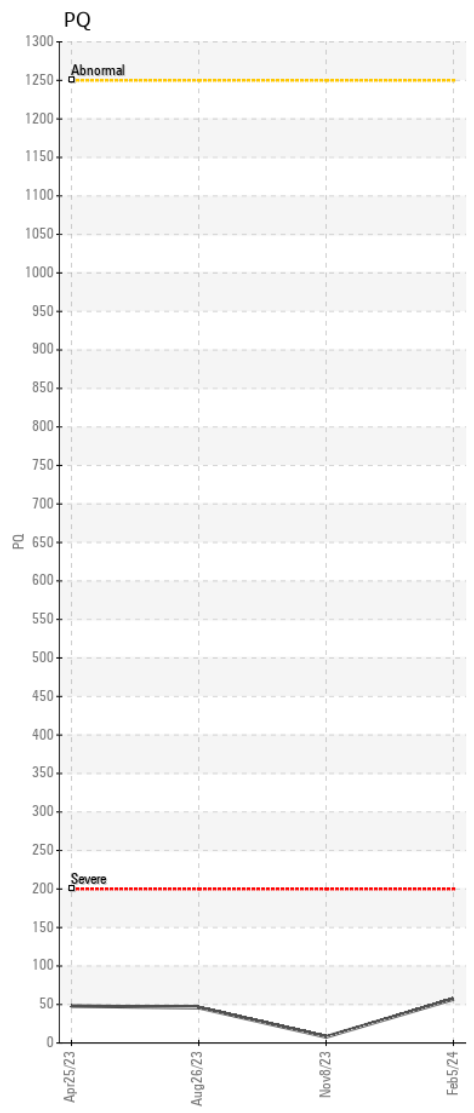
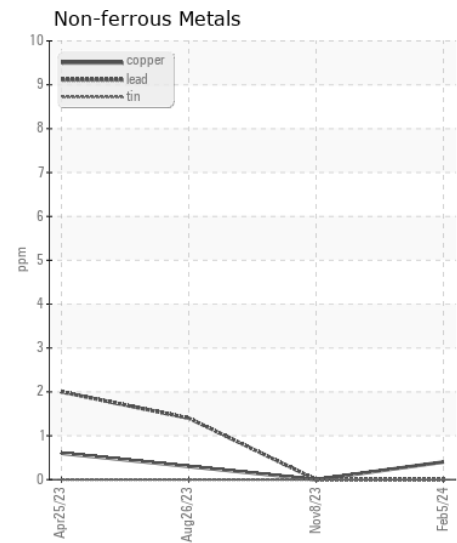
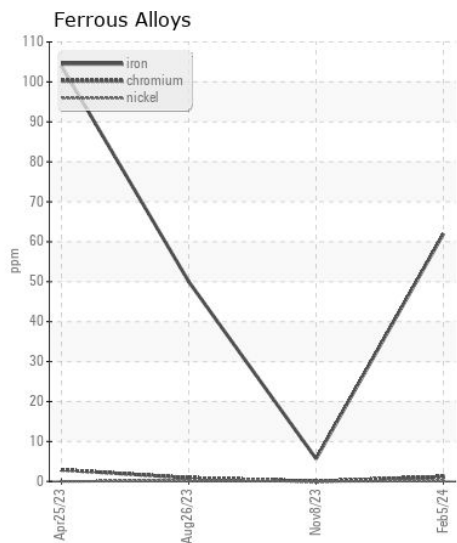
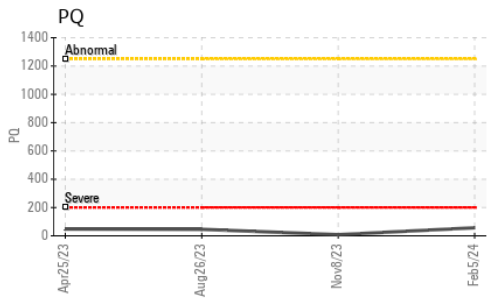
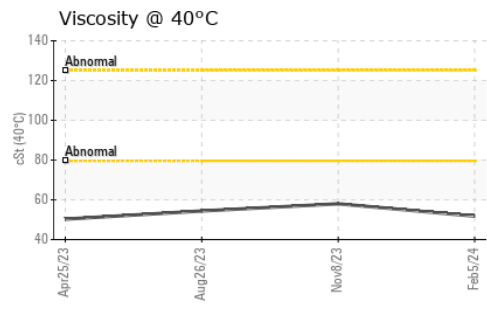
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	8	4	11
Potassium	ppm	ASTM D5185m	>20	2	0	2
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	0
Boron	ppm	ASTM D5185m		18	0	18
Barium	ppm	ASTM D5185m		11	2	2
Molybdenum	ppm	ASTM D5185m		12	0	15
Manganese	ppm	ASTM D5185m		1	<1	1
Magnesium	ppm	ASTM D5185m		114	92	139
Calcium	ppm	ASTM D5185m		2804	2932	3621
Phosphorus	ppm	ASTM D5185m		917	961	1084
Zinc	ppm	ASTM D5185m		1034	1146	1266
Sulfur	ppm	ASTM D5185m		2653	3246	3930
Visc @ 40°C	cSt	ASTM D445		51.8	58.0	54.4



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0202852 **Received** : 13 Feb 2024
Lab Number : 06087664 **Tested** : 14 Feb 2024
Unique Number : 10875109 **Diagnosed** : 14 Feb 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)