



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 700L 1T0700LXJPF439990

Component
Right Final Drive
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0205537	JR0189152	JR0177436
Sample Date		Client Info		22 Apr 2024	04 Jan 2024	11 Aug 2023
Machine Age	hrs	Client Info		1505	1014	468
Oil Age	hrs	Client Info		491	1014	468
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	46	69	36
Iron	ppm	ASTM D5185m	>750	79	98	32
Chromium	ppm	ASTM D5185m	>9	<1	2	<1
Nickel	ppm	ASTM D5185m	>10	0	2	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	2	2	2
Lead	ppm	ASTM D5185m	>15	<1	6	0
Copper	ppm	ASTM D5185m	>40	0	1	0
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

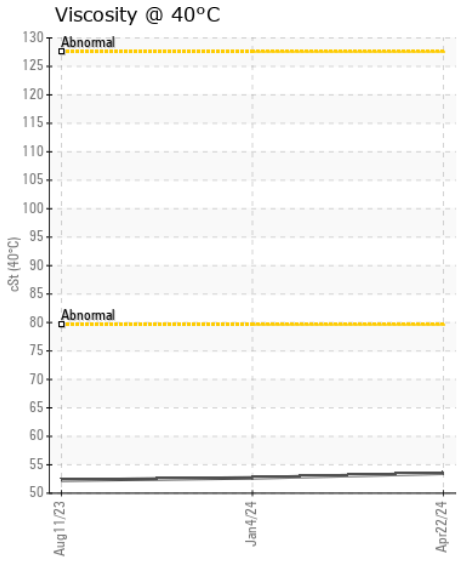
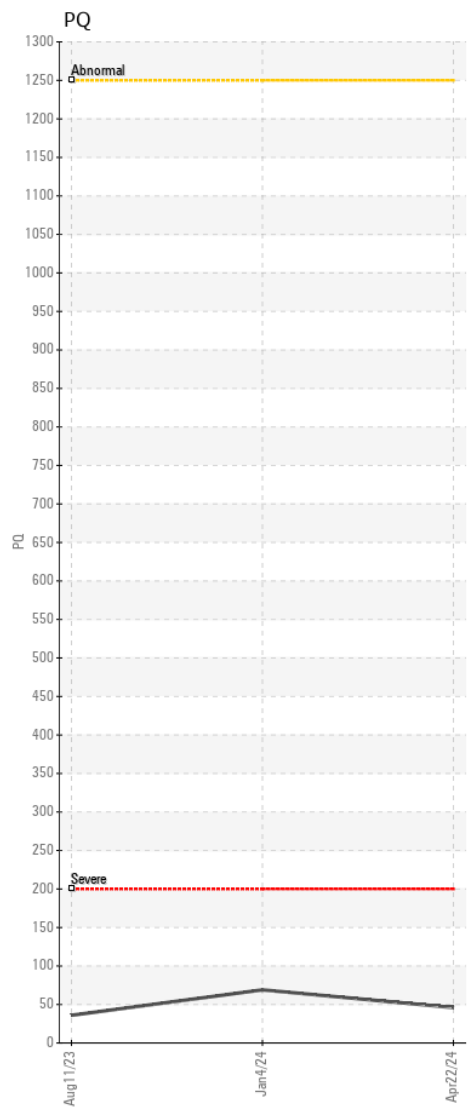
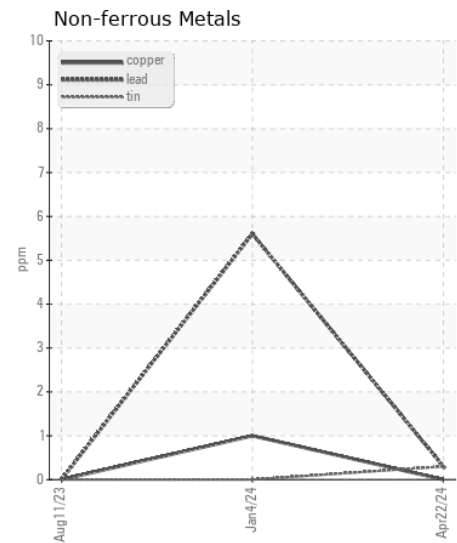
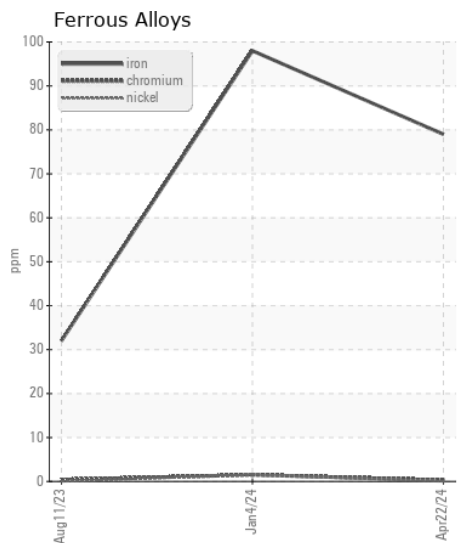
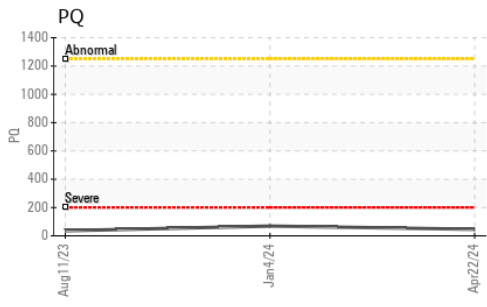
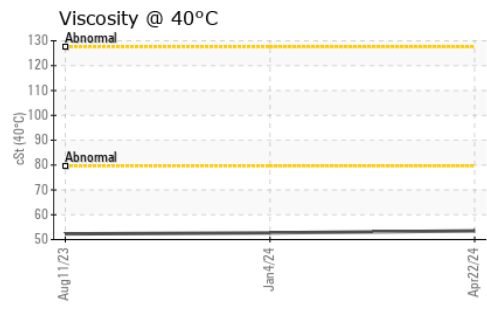
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	15	14	7
Potassium	ppm	ASTM D5185m	>20	0	2	0
Water		WC Method	>0.075	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	2	0
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		2	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	3	<1
Magnesium	ppm	ASTM D5185m		104	111	104
Calcium	ppm	ASTM D5185m		3564	3492	3573
Phosphorus	ppm	ASTM D5185m		1083	1025	1028
Zinc	ppm	ASTM D5185m		1259	1365	1251
Sulfur	ppm	ASTM D5185m		4204	3838	4158
Visc @ 40°C	cSt	ASTM D445		53.5	52.7	52.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0205537 **Received** : 25 Apr 2024
Lab Number : 06160681 **Tested** : 26 Apr 2024
Unique Number : 10996104 **Diagnosed** : 26 Apr 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198

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)