



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
JOHN DEERE 700L 1T0700LXCPF439103
 Component
Left Inner Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0219641	JR0206370	JR0193434
Sample Date		Client Info		07 Jul 2024	26 Mar 2024	29 Nov 2023
Machine Age	hrs	Client Info		2001	1510	1014
Oil Age	hrs	Client Info		1505	496	1014
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	22	12	63
Iron	ppm	ASTM D5185m	>750	10	1	109
Chromium	ppm	ASTM D5185m	>9	0	0	2
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	<1	<1	2
Lead	ppm	ASTM D5185m	>15	0	0	3
Copper	ppm	ASTM D5185m	>40	3	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

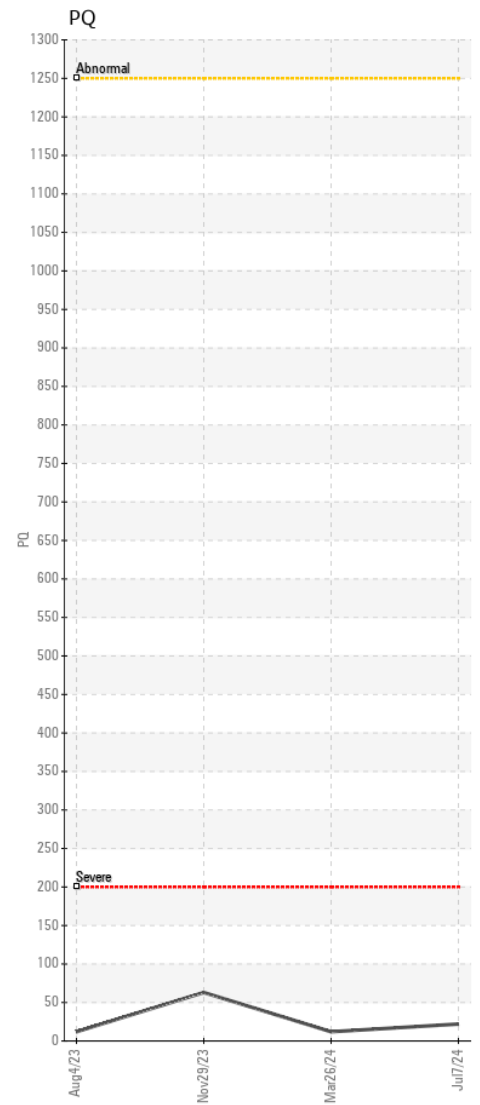
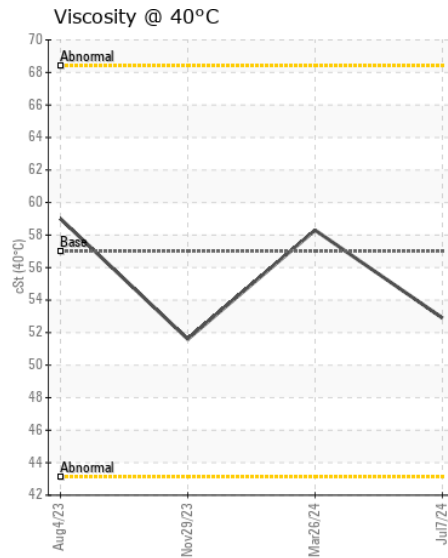
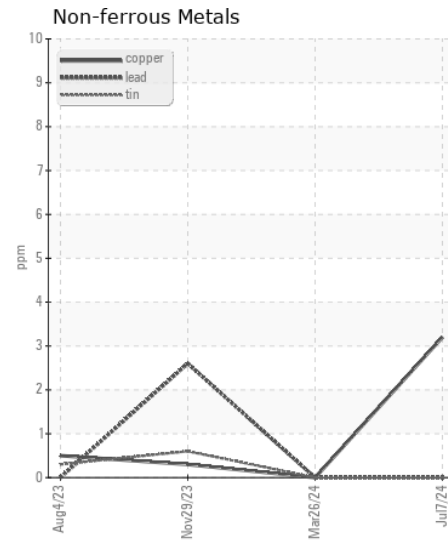
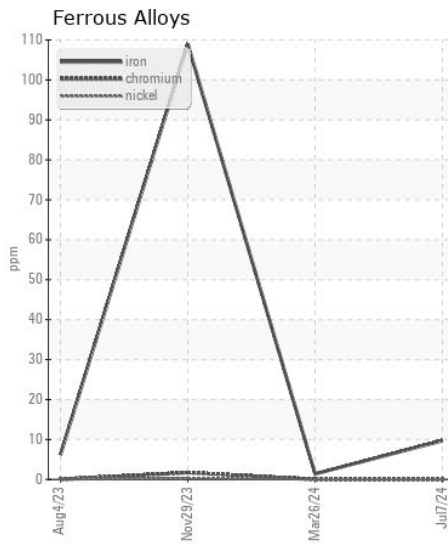
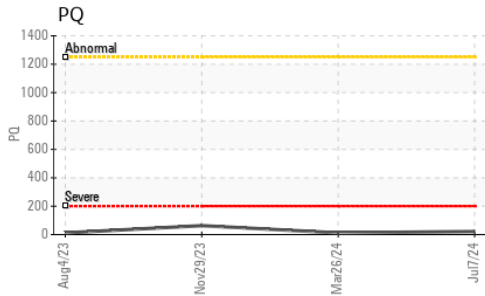
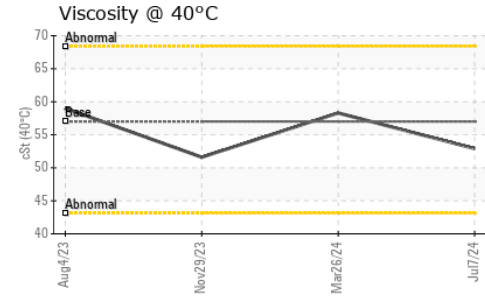
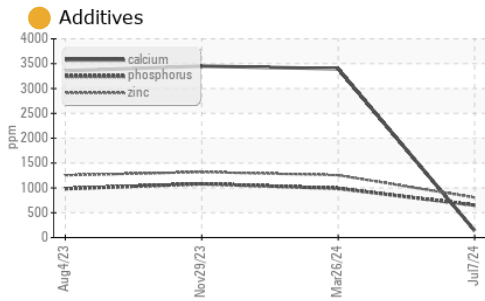
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	10	5	32
Potassium	ppm	ASTM D5185m	>20	<1	0	4
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

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	2	0	3
Boron	ppm	ASTM D5185m	6	0	1	<1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m		0	0	3
Magnesium	ppm	ASTM D5185m	145	3	95	105
Calcium	ppm	ASTM D5185m	3570	140	3397	3451
Phosphorus	ppm	ASTM D5185m	1290	651	989	1081
Zinc	ppm	ASTM D5185m	1640	806	1255	1318
Sulfur	ppm	ASTM D5185m		1811	4244	3761
Visc @ 40°C	cSt	ASTM D445	57.0	52.9	58.3	51.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219641 **Received** : 09 Jul 2024
Lab Number : 06231603 **Tested** : 10 Jul 2024
Unique Number : 11115096 **Diagnosed** : 11 Jul 2024 - Angela Borella
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269

Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com

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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