



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 700K 6X75 (S/N 1T0700KXVGF302245)
 Component
Transmission (Manual)
 Fluid
JOHN DEERE HYDRAU (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0197043	JR0141406	---
Sample Date		Client Info		09 Jul 2024	06 Jul 2023	---
Machine Age	hrs	Client Info		671	603	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		519	0	---
Oil Changed		Client Info		Not Changed	N/A	---
Filter Changed		Client Info		Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	13	12	---
Iron	ppm	ASTM D5185m	>200	17	15	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m	>5	0	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>7	0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	0	---
Lead	ppm	ASTM D5185m	>45	0	2	---
Copper	ppm	ASTM D5185m	>225	20	18	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

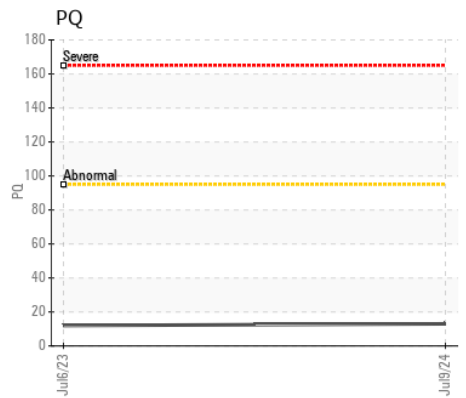
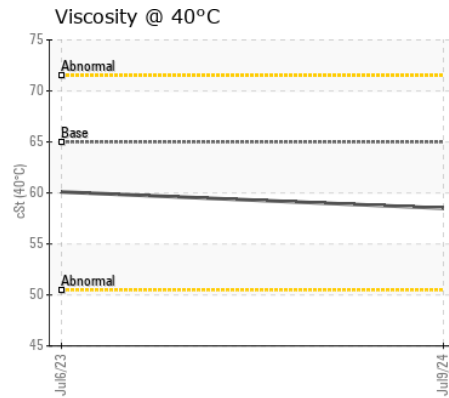
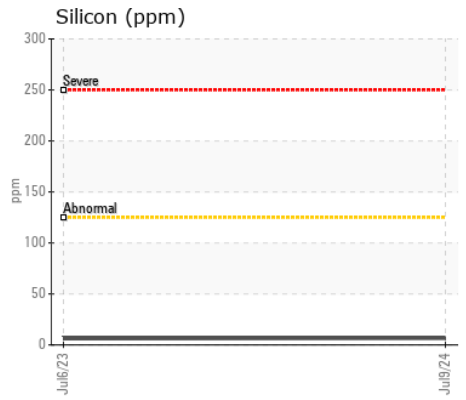
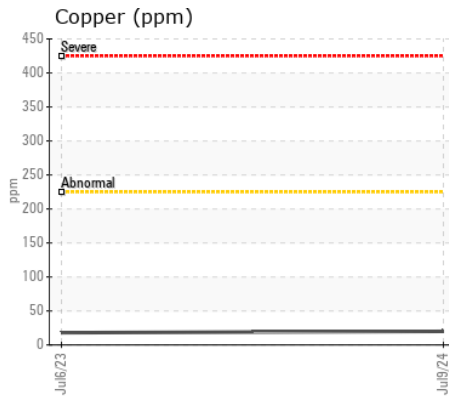
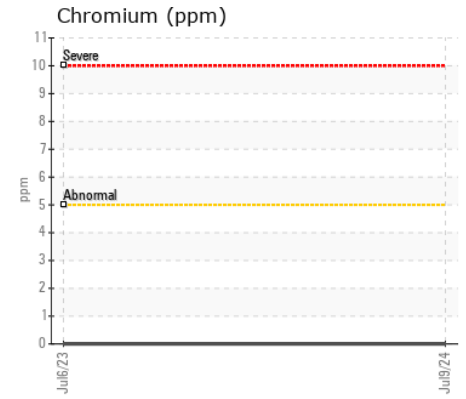
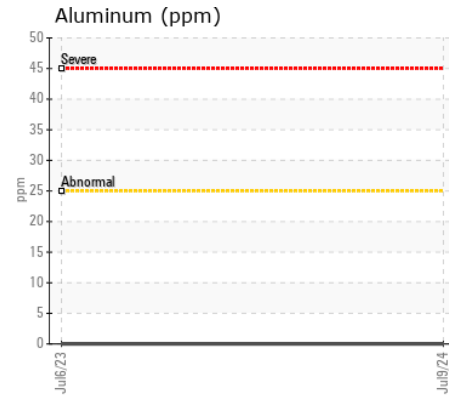
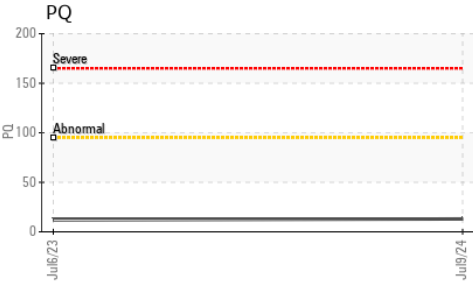
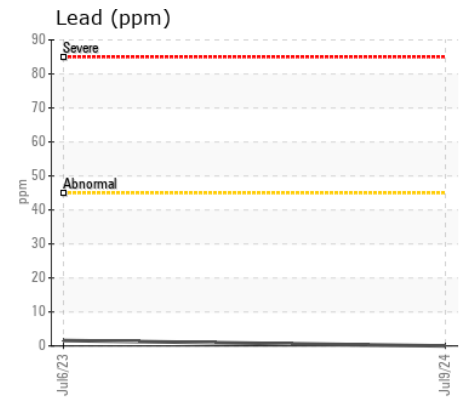
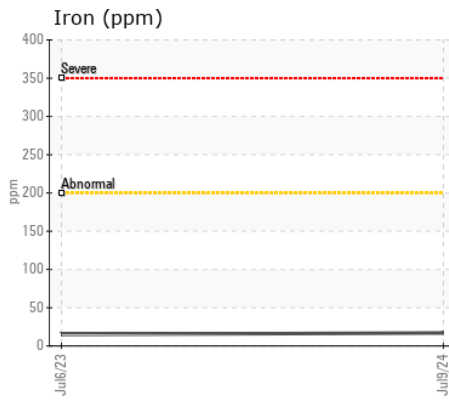
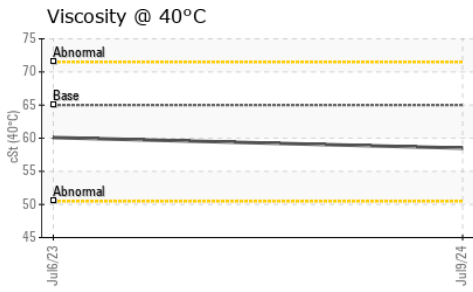
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	7	6	---
Potassium	ppm	ASTM D5185m	>20	2	3	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	1	---
Boron	ppm	ASTM D5185m		2	0	---
Barium	ppm	ASTM D5185m		<1	0	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		<1	8	---
Calcium	ppm	ASTM D5185m	87	87	121	---
Phosphorus	ppm	ASTM D5185m	727	660	634	---
Zinc	ppm	ASTM D5185m	900	829	861	---
Sulfur	ppm	ASTM D5185m	1500	1944	1978	---
Visc @ 40°C	cSt	ASTM D445	65	58.5	60.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0197043 **Received** : 16 Jul 2024
Lab Number : 06238032 **Tested** : 17 Jul 2024
Unique Number : 11126866 **Diagnosed** : 17 Jul 2024 - Wes Davis
Test Package : MOBCE (Additional Tests: PQ)

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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