



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 324G 1T0324GMCNJ422787
 Component
Left Chain 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		JR0226422	JR0158877	---
Sample Date		Client Info		10 Jul 2024	01 Mar 2023	---
Machine Age	hrs	Client Info		461	116	---
Oil Age	hrs	Client Info		461	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	N/A	---
Filter Changed		Client Info		None	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		42	39	---
Iron	ppm	ASTM D5185m	>200	41	22	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m		2	<1	---
Lead	ppm	ASTM D5185m		<1	<1	---
Copper	ppm	ASTM D5185m		3	<1	---
Tin	ppm	ASTM D5185m		0	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

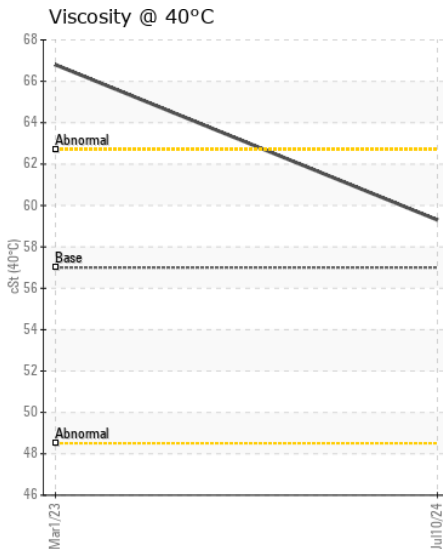
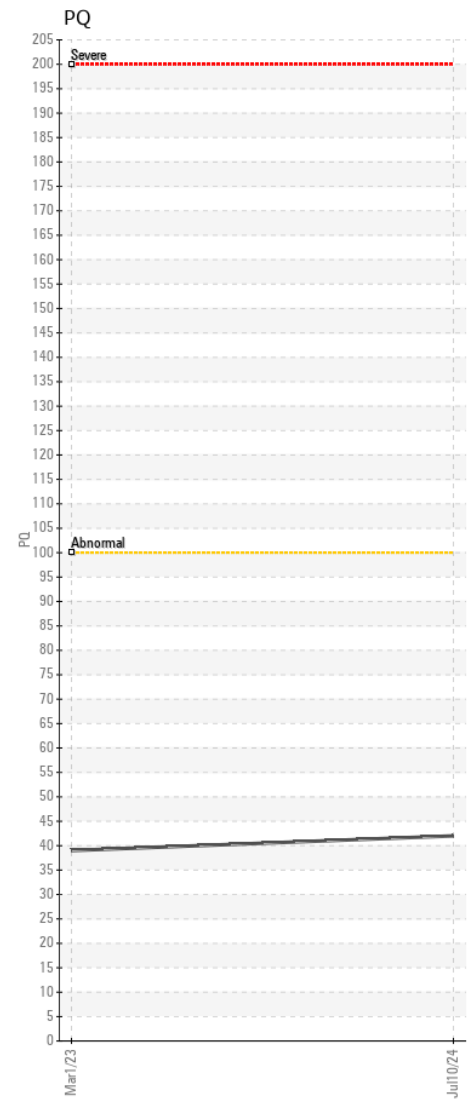
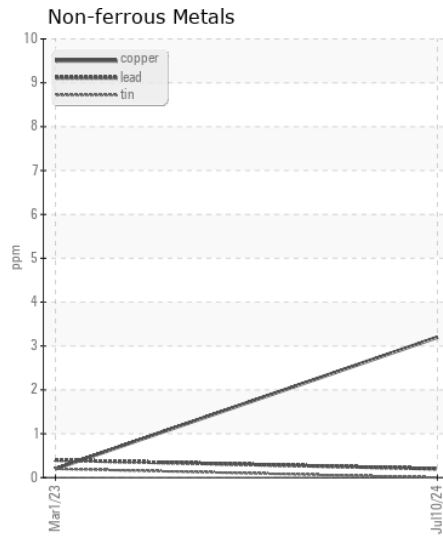
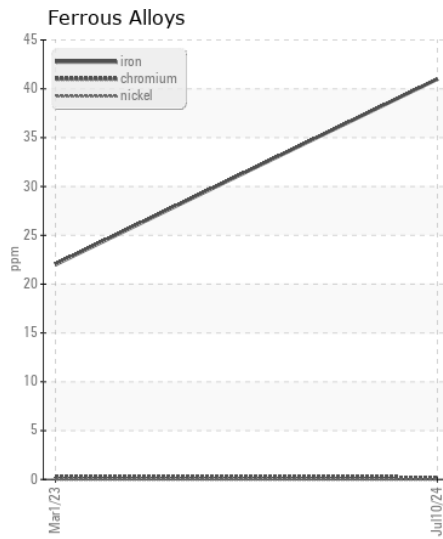
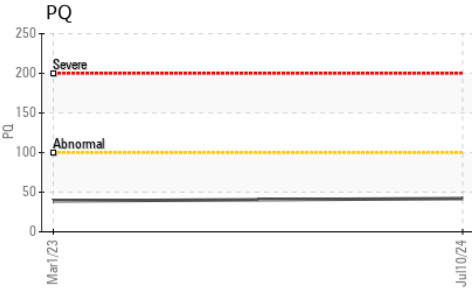
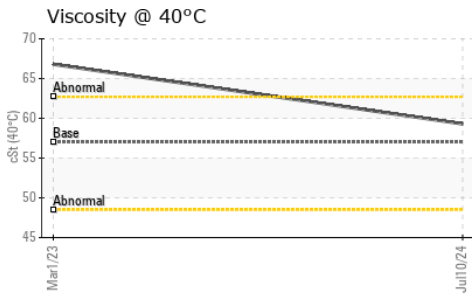
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		10	9	---
Potassium	ppm	ASTM D5185m	>20	4	<1	---
Water		WC Method	>0.2	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	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	1	---
Boron	ppm	ASTM D5185m	6	2	<1	---
Barium	ppm	ASTM D5185m	0	23	20	---
Molybdenum	ppm	ASTM D5185m	0	1	<1	---
Manganese	ppm	ASTM D5185m		<1	1	---
Magnesium	ppm	ASTM D5185m	145	97	108	---
Calcium	ppm	ASTM D5185m	3570	3498	3860	---
Phosphorus	ppm	ASTM D5185m	1290	988	1019	---
Zinc	ppm	ASTM D5185m	1640	1227	1274	---
Sulfur	ppm	ASTM D5185m		3331	3982	---
Visc @ 40°C	cSt	ASTM D445	57.0	59.3	66.8	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0226422

Lab Number : 06233488

Unique Number : 11116981

Test Package : CONST (Additional Tests: PQ)

Received : 11 Jul 2024

Tested : 12 Jul 2024

Diagnosed : 12 Jul 2024 - Wes Davis

JRE - MANASSAS PARK

9107 OWENS DRIVE

MANASSAS PARK, VA

US 20111

Contact: DON VEST

dvest@jamesriverequipment.com

T: (703)631-8500

F: (703)631-4715

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)