



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[37782]

Machine Id

JOHN DEERE 850L 1T0850LXKNF426545

Component

Transmission (Manual)

Fluid

JOHN DEERE HYDRAU (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0157301	JR0132260	---
Sample Date		Client Info		10 Jan 2023	25 Sep 2022	---
Machine Age	hrs	Client Info		977	467	---
Oil Age	hrs	Client Info		977	467	---
Filter Age	hrs	Client Info		0	467	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	10	10	---
Iron	ppm	ASTM D5185m	>61	9	6	---
Chromium	ppm	ASTM D5185m	>10	0	0	---
Nickel	ppm	ASTM D5185m		0	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>20	0	<1	---
Lead	ppm	ASTM D5185m	>9	0	<1	---
Copper	ppm	ASTM D5185m	>100	5	4	---
Tin	ppm	ASTM D5185m	>3	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

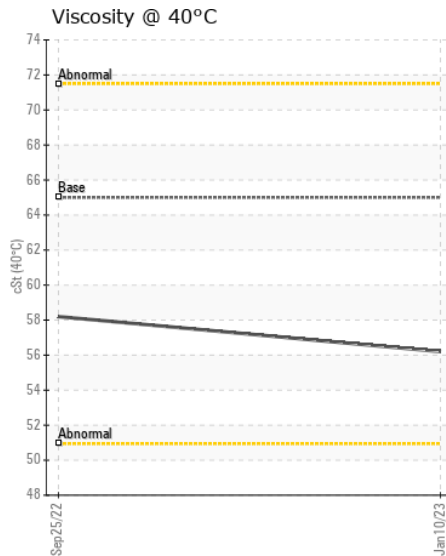
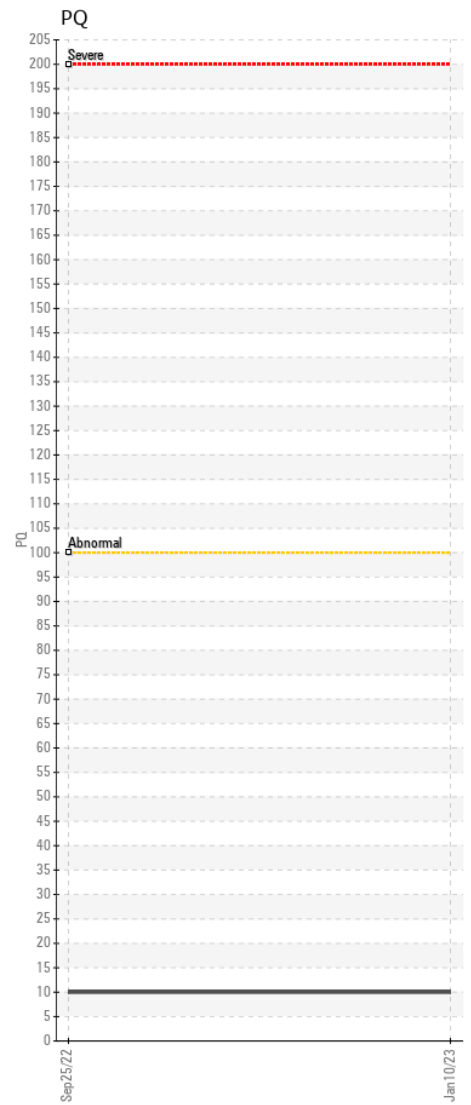
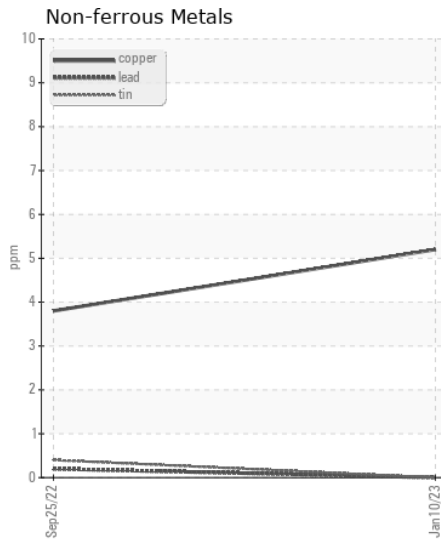
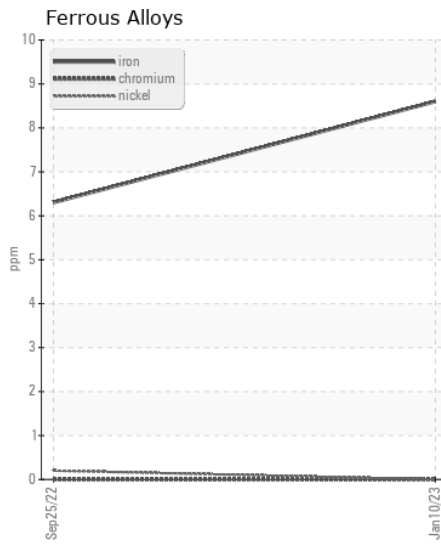
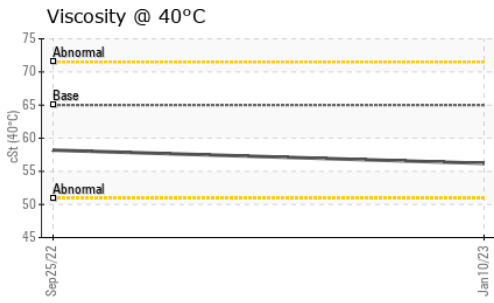
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	2	1	---
Potassium	ppm	ASTM D5185m	>20	0	1	---
Water		WC Method	>0.075	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	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	<1	2	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		<1	1	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		2	3	---
Calcium	ppm	ASTM D5185m	87	125	121	---
Phosphorus	ppm	ASTM D5185m	727	699	657	---
Zinc	ppm	ASTM D5185m	900	860	848	---
Sulfur	ppm	ASTM D5185m	1500	2071	2038	---
Visc @ 40°C	cSt	ASTM D445	65	56.2	58.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0157301 **Received** : 13 Jan 2023
Lab Number : 05739045 **Diagnosed** : 16 Jan 2023
Unique Number : 10293644 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)