



Machine Id
JOHN DEERE 750L 1T0750LXVNF430143
Component
Left Outer Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

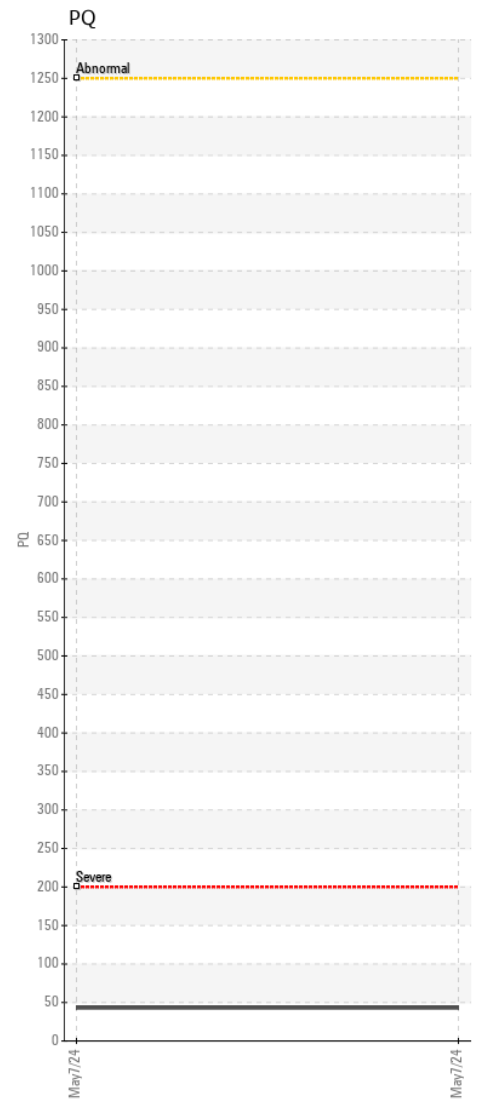
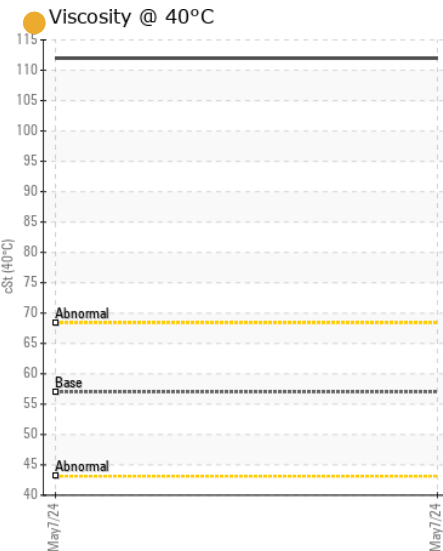
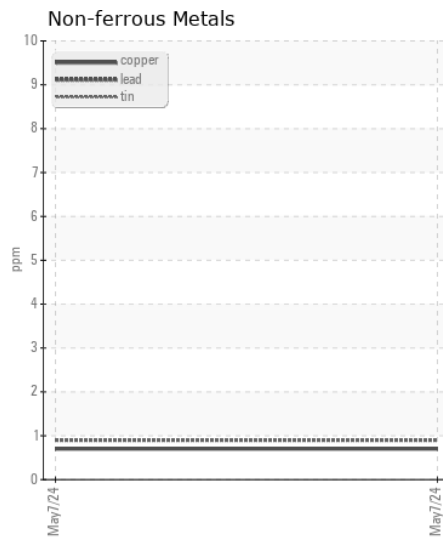
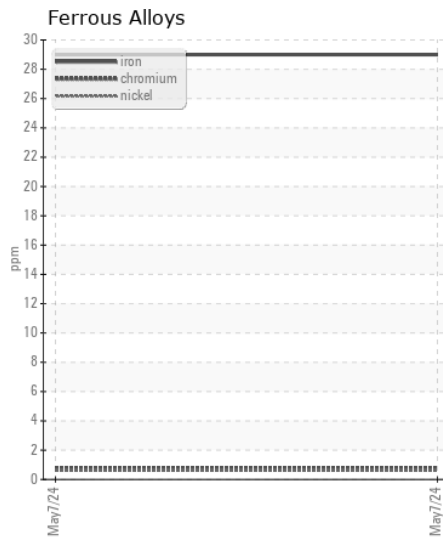
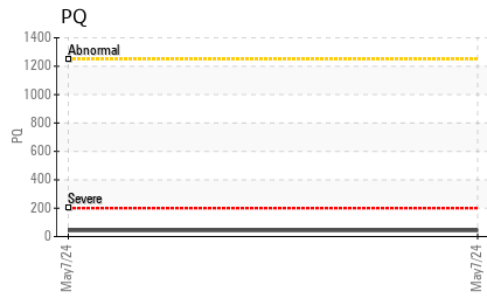
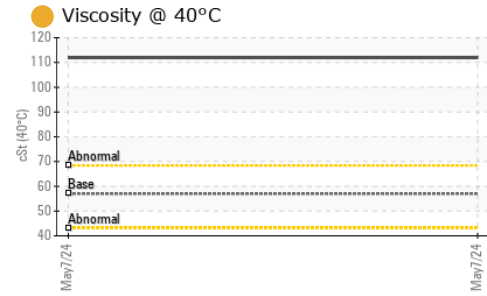
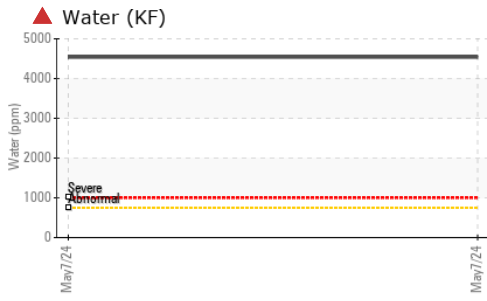
CONTAMINATION

There is a high concentration of water present in the oil.

FLUID CONDITION

The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0212941	---	---
Sample Date		Client Info		07 May 2024	---	---
Machine Age	hrs	Client Info		2552	---	---
Oil Age	hrs	Client Info		2552	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		None	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184	>1250	43	---	---
Iron	ppm	ASTM D5185m	>750	29	---	---
Chromium	ppm	ASTM D5185m	>9	<1	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>40	<1	---	---
Lead	ppm	ASTM D5185m	>15	<1	---	---
Copper	ppm	ASTM D5185m	>40	<1	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>75	7	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water	%	ASTM D6304	>0.075	▲ 0.454	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 4540	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	▲ 0.2%	---	---
Sodium	ppm	ASTM D5185m	>51	0	---	---
Boron	ppm	ASTM D5185m	6	8	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	8	---	---
Manganese	ppm	ASTM D5185m		1	---	---
Magnesium	ppm	ASTM D5185m	145	114	---	---
Calcium	ppm	ASTM D5185m	3570	3266	---	---
Phosphorus	ppm	ASTM D5185m	1290	1039	---	---
Zinc	ppm	ASTM D5185m	1640	1180	---	---
Sulfur	ppm	ASTM D5185m		3815	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	● 112	---	---



Certificate L2367

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

Sample No. : JR0212941

Lab Number : 06174139

Unique Number : 11020192

Test Package : CONST (Additional Tests: KF, PQ)

Received : 09 May 2024

Tested : 13 May 2024

Diagnosed : 13 May 2024 - Don Baldrige

JRE - GARNER

4161 AUBURN CHURCH RD

GARNER, NC

US 27529

Contact: JOHN GUASCHINO

john.guaschino@jamesriverequipment.com

T:

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)

F: (919)779-5432