



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 750L 1T0750LXVNF430143

Component
Right Final Drive

Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

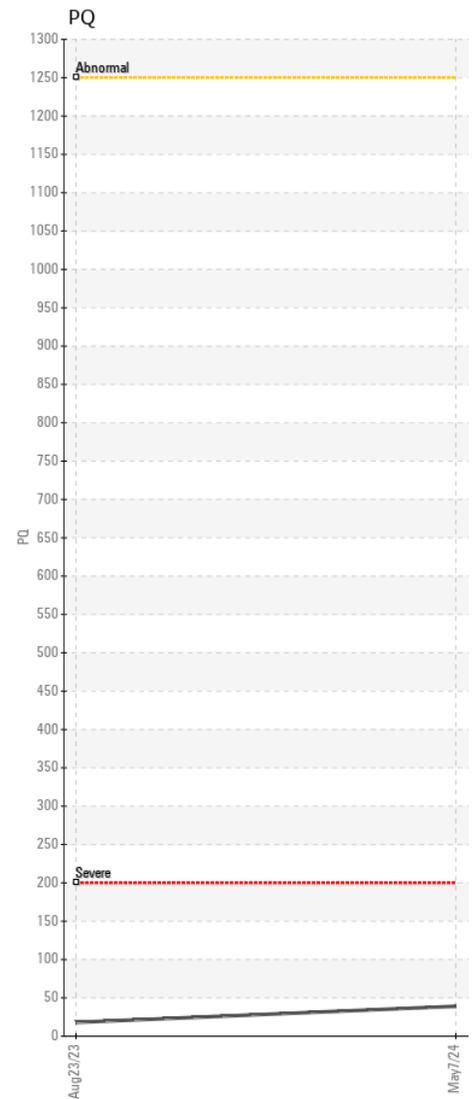
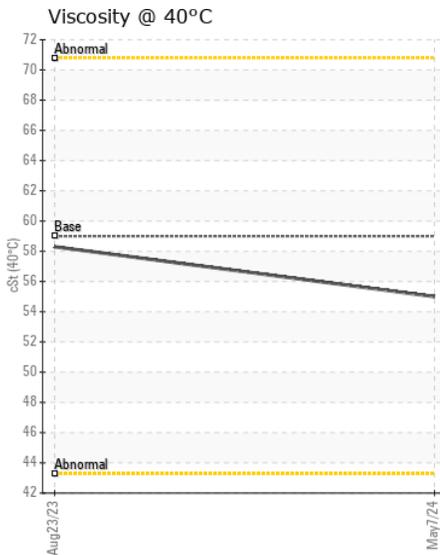
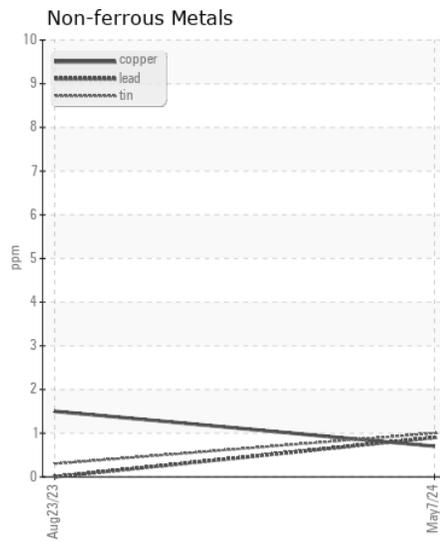
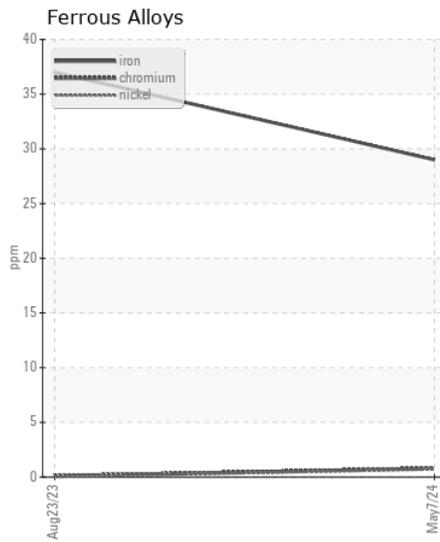
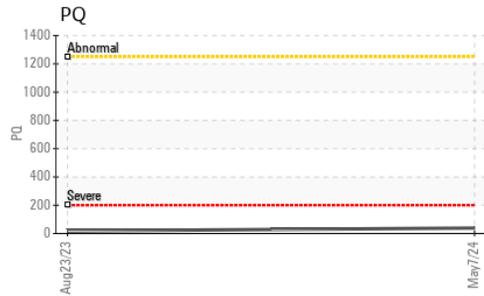
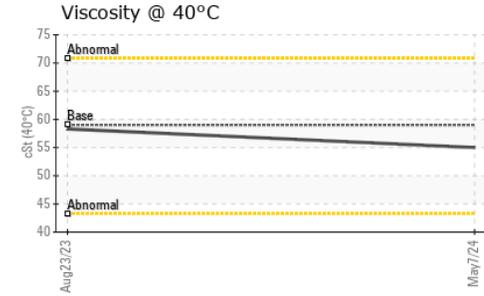
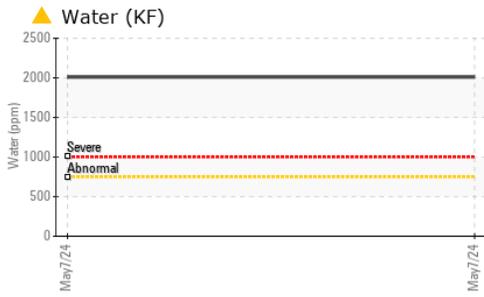
CONTAMINATION

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

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0212836	JR0181700	---
Sample Date		Client Info		07 May 2024	23 Aug 2023	---
Machine Age	hrs	Client Info		2552	1202	---
Oil Age	hrs	Client Info		0	1202	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		None	N/A	---
Sample Status				ABNORMAL	NORMAL	---
PQ		ASTM D8184	>1250	39	18	---
Iron	ppm	ASTM D5185m	>750	29	37	---
Chromium	ppm	ASTM D5185m	>9	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	2	---
Lead	ppm	ASTM D5185m	>15	<1	0	---
Copper	ppm	ASTM D5185m	>40	<1	2	---
Tin	ppm	ASTM D5185m	>10	1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	7	9	---
Potassium	ppm	ASTM D5185m	>20	3	0	---
Water	%	ASTM D6304	>0.075	▲ 0.201	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 2010	---	---
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	▲ 0.2%	NEG	---
Sodium	ppm	ASTM D5185m	>51	0	1	---
Boron	ppm	ASTM D5185m		7	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		7	<1	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m		114	103	---
Calcium	ppm	ASTM D5185m		3265	3335	---
Phosphorus	ppm	ASTM D5185m		1041	965	---
Zinc	ppm	ASTM D5185m		1179	1175	---
Sulfur	ppm	ASTM D5185m		3884	4168	---
Visc @ 40°C	cSt	ASTM D445	59	55.0	58.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0212836 **Received** : 09 May 2024
Lab Number : 06174138 **Tested** : 13 May 2024
Unique Number : 11020191 **Diagnosed** : 13 May 2024 - Don Baldrige
Test Package : CONST (Additional Tests: KF, PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: RALEIGH SHOP
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.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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