



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750K 1T0750KXHJF328759
 Component
Left Outer Final Drive
 Fluid
{not provided} (--- QTS)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

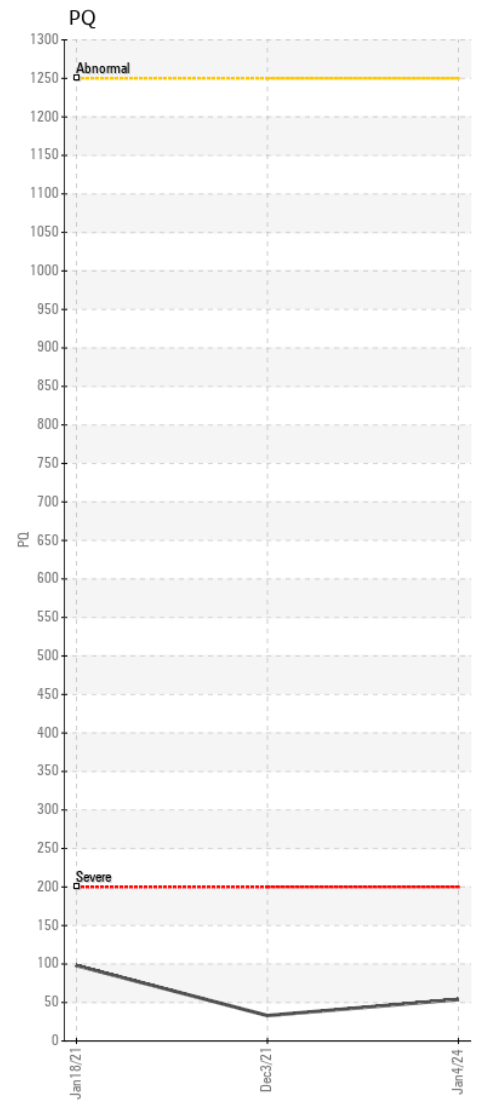
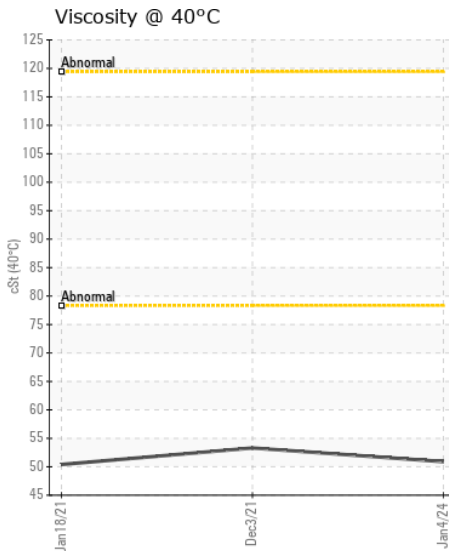
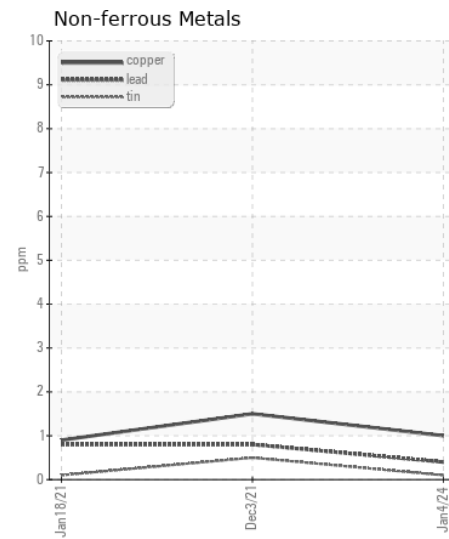
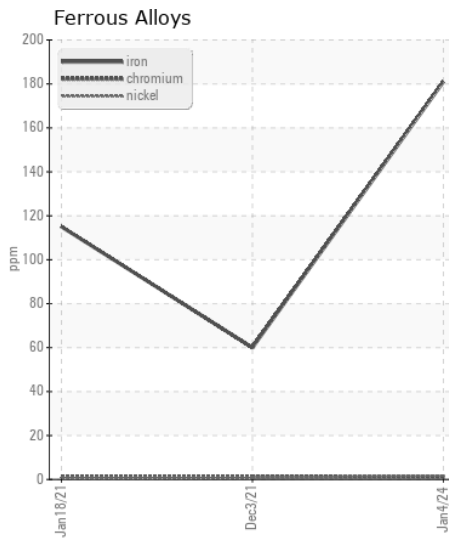
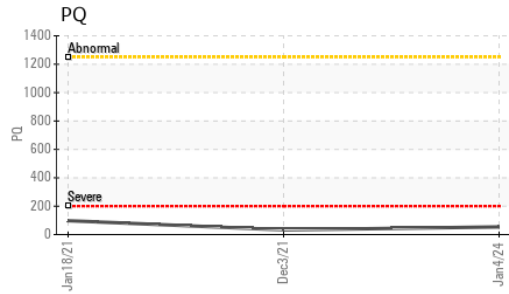
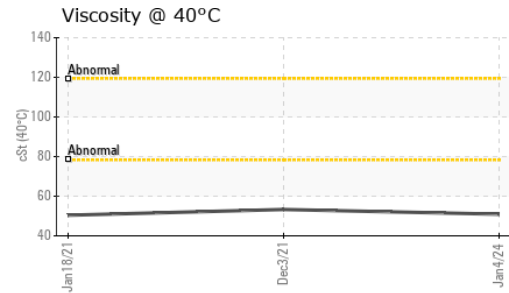
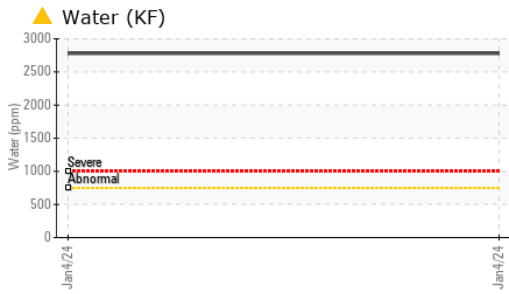
CONTAMINATION

There is a light 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		JR0198652	JR0109724	JR0072592
Sample Date		Client Info		04 Jan 2024	03 Dec 2021	18 Jan 2021
Machine Age	hrs	Client Info		4003	1996	1088
Oil Age	hrs	Client Info		4003	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	Not Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>1250	54	33	98
Iron	ppm	ASTM D5185m	>750	181	60	115
Chromium	ppm	ASTM D5185m	>9	1	1	1
Nickel	ppm	ASTM D5185m	>10	2	<1	1
Titanium	ppm	ASTM D5185m		1	<1	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	11	6	6
Lead	ppm	ASTM D5185m	>15	<1	<1	<1
Copper	ppm	ASTM D5185m	>40	1	2	<1
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	33	16	12
Potassium	ppm	ASTM D5185m	>20	4	3	4
Water	%	ASTM D6304	>0.075	▲ 0.278	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 2780	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	▲ 0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	0	0	3
Boron	ppm	ASTM D5185m		0	4	3
Barium	ppm	ASTM D5185m		7	0	0
Molybdenum	ppm	ASTM D5185m		<1	2	<1
Manganese	ppm	ASTM D5185m		2	1	2
Magnesium	ppm	ASTM D5185m		104	71	101
Calcium	ppm	ASTM D5185m		3601	3801	3660
Phosphorus	ppm	ASTM D5185m		970	1080	1102
Zinc	ppm	ASTM D5185m		1222	1215	1329
Sulfur	ppm	ASTM D5185m		3883	2922	3585
Visc @ 40°C	cSt	ASTM D445		50.9	53.3	50.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198652 **Received** : 08 Jan 2024
Lab Number : 06054285 **Diagnosed** : 10 Jan 2024
Unique Number : 10820234 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: KF, PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269

Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com

T: (704)597-0211
 F: (704)596-6198

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)