



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750K 1T0750KXHJF328759

Component
Left Inner Final Drive

Fluid
TDTO FLUID SAE 20 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0198651	JR0109691	JR0072591
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		1000	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				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	42	30	16
Iron	ppm	ASTM D5185m	>750	113	57	18
Chromium	ppm	ASTM D5185m	>9	1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>40	2	2	<1
Lead	ppm	ASTM D5185m	>15	<1	<1	8
Copper	ppm	ASTM D5185m	>40	<1	<1	2
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

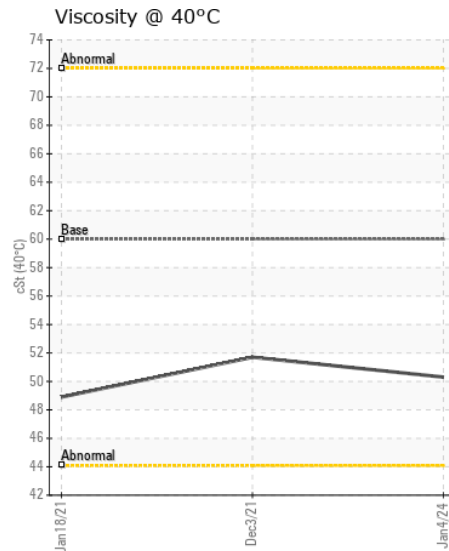
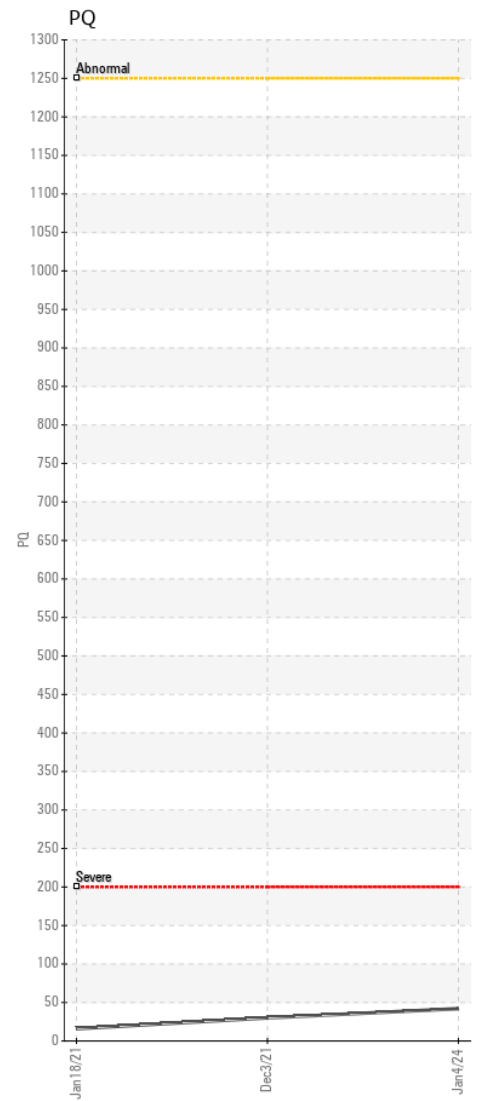
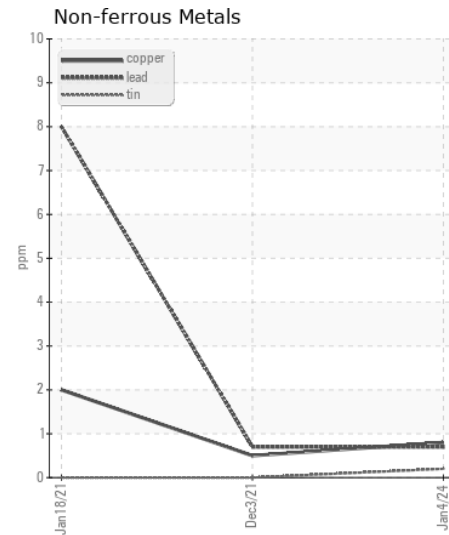
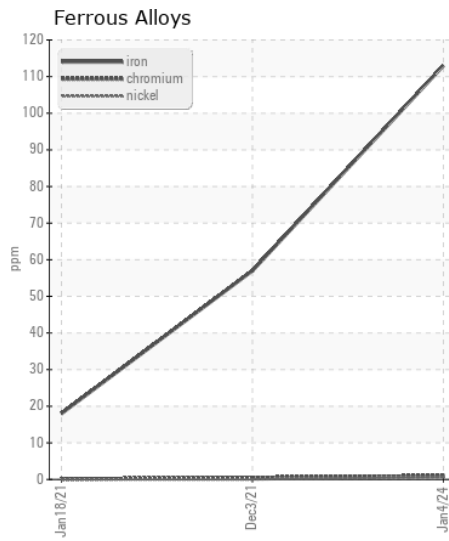
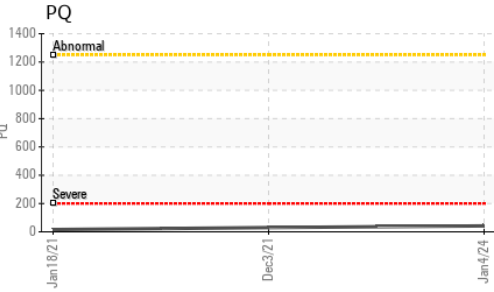
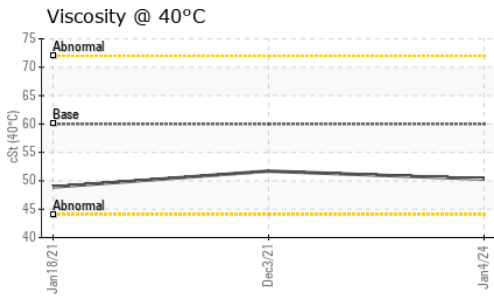
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	10	3	1
Potassium	ppm	ASTM D5185m	>20	3	1	3
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
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	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	4
Boron	ppm	ASTM D5185m	37	0	1	4
Barium	ppm	ASTM D5185m	7	8	0	0
Molybdenum	ppm	ASTM D5185m	5	1	<1	<1
Manganese	ppm	ASTM D5185m		2	<1	<1
Magnesium	ppm	ASTM D5185m	40	118	51	97
Calcium	ppm	ASTM D5185m	2650	4096	3870	3575
Phosphorus	ppm	ASTM D5185m	1050	1157	1071	1088
Zinc	ppm	ASTM D5185m	1075	1407	1202	1293
Sulfur	ppm	ASTM D5185m	5750	4595	2662	3445
Visc @ 40°C	cSt	ASTM D445	60	50.3	51.7	48.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198651 **Received** : 08 Jan 2024
Lab Number : 06054284 **Diagnosed** : 09 Jan 2024
Unique Number : 10820233 **Diagnostician** : Wes Davis
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)