



WEAR	ATTENTION
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750K 1T0750KXHJF328759

Component
Right Outer Final Drive

Fluid
{not provided} (--- QTS)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. 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.

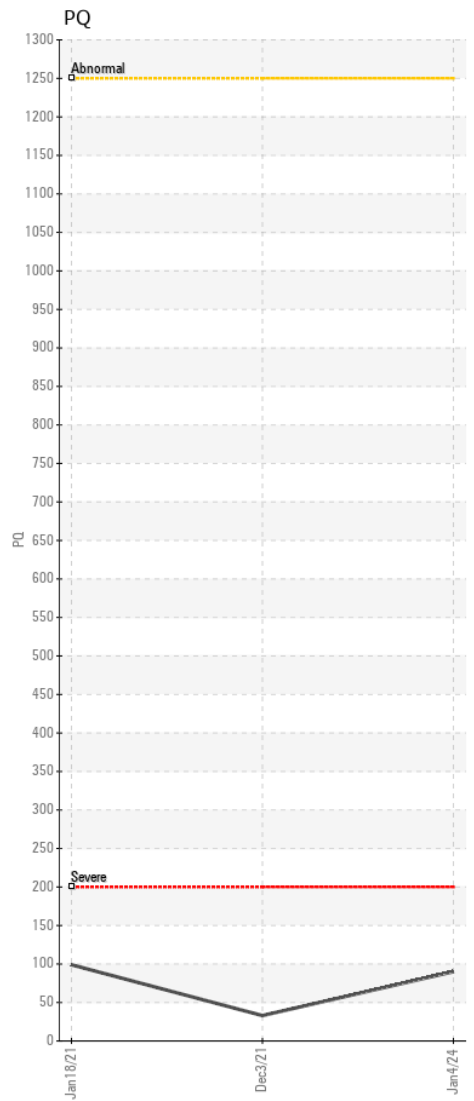
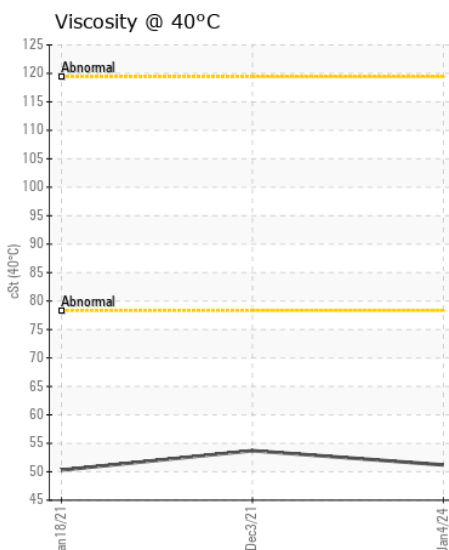
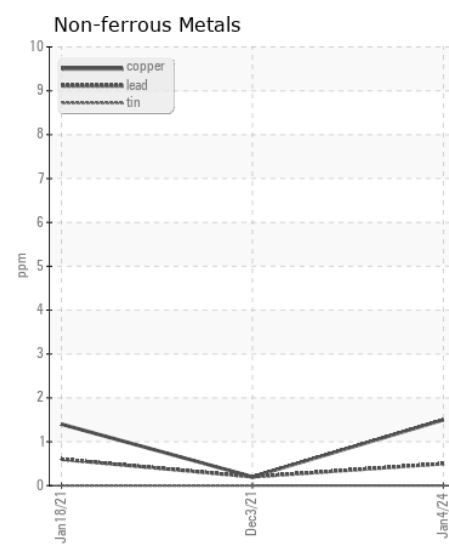
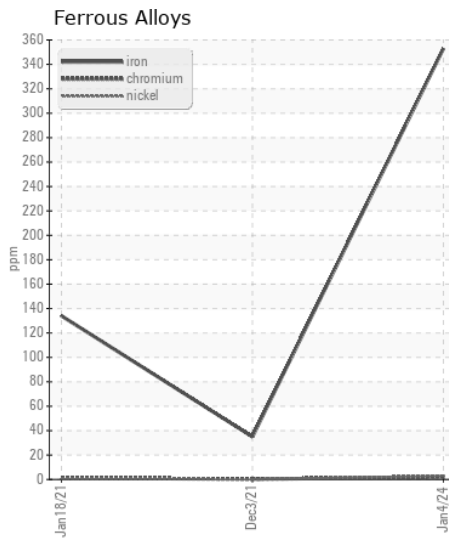
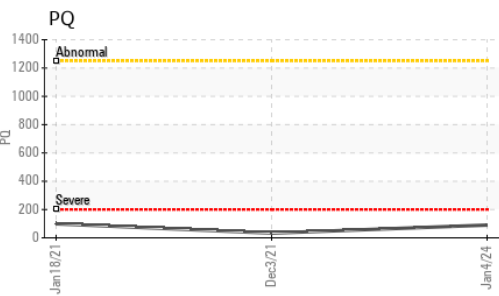
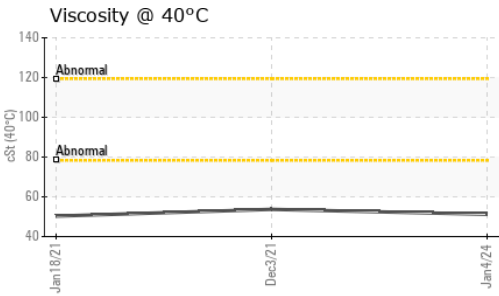
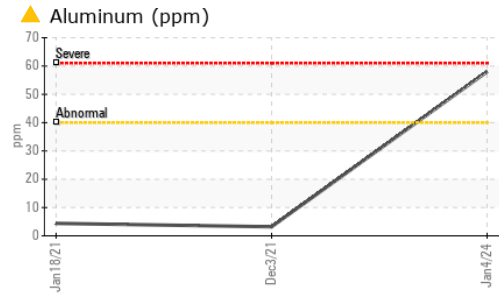
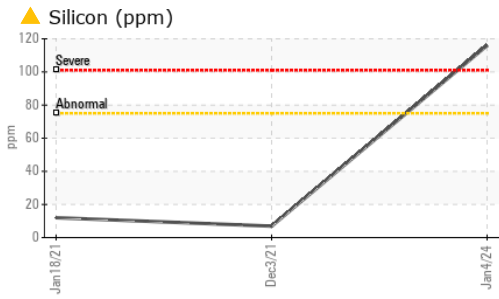
CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

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		JR0198654	JR0109689	JR0072588
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				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>1250	90	33	99
Iron	ppm	ASTM D5185m	>750	353	35	134
Chromium	ppm	ASTM D5185m	>9	2	<1	1
Nickel	ppm	ASTM D5185m	>10	3	0	<1
Titanium	ppm	ASTM D5185m		3	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	▲ 58	3	4
Lead	ppm	ASTM D5185m	>15	<1	<1	<1
Copper	ppm	ASTM D5185m	>40	2	<1	1
Tin	ppm	ASTM D5185m	>10	0	0	0
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	▲ 116	7	12
Potassium	ppm	ASTM D5185m	>20	11	2	6
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	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	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	0	0	3
Boron	ppm	ASTM D5185m		0	2	3
Barium	ppm	ASTM D5185m		8	0	0
Molybdenum	ppm	ASTM D5185m		1	2	<1
Manganese	ppm	ASTM D5185m		3	<1	2
Magnesium	ppm	ASTM D5185m		102	64	103
Calcium	ppm	ASTM D5185m		3540	4001	3659
Phosphorus	ppm	ASTM D5185m		987	1114	1095
Zinc	ppm	ASTM D5185m		1200	1252	1318
Sulfur	ppm	ASTM D5185m		4466	2670	3503
Visc @ 40°C	cSt	ASTM D445		51.2	53.7	50.3



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198654 **Received** : 08 Jan 2024
Lab Number : 06054287 **Diagnosed** : 09 Jan 2024
Unique Number : 10820236 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)