



WEAR	ATTENTION
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 750K 1T0750KXCHF316440

Component
Left Outer Final Drive

Fluid
{not provided} (--- GAL)

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

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

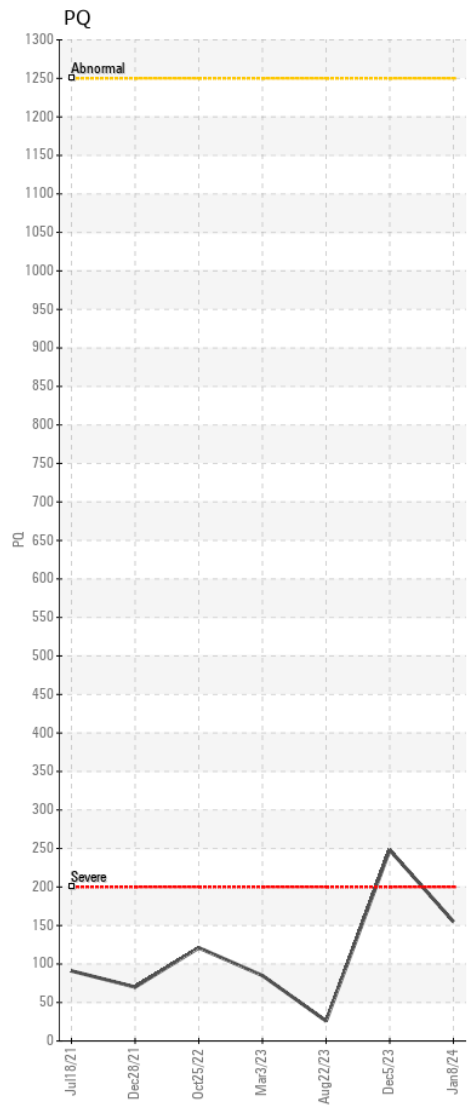
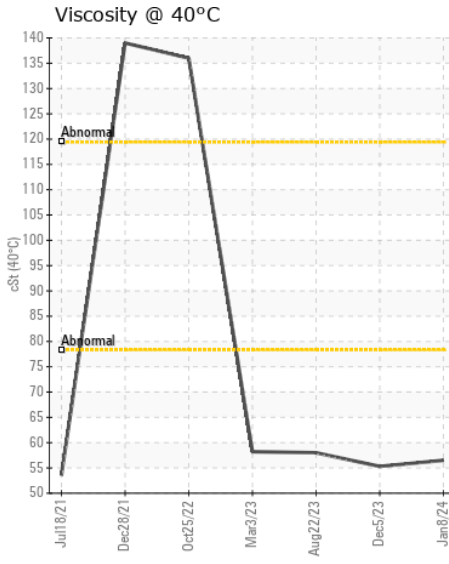
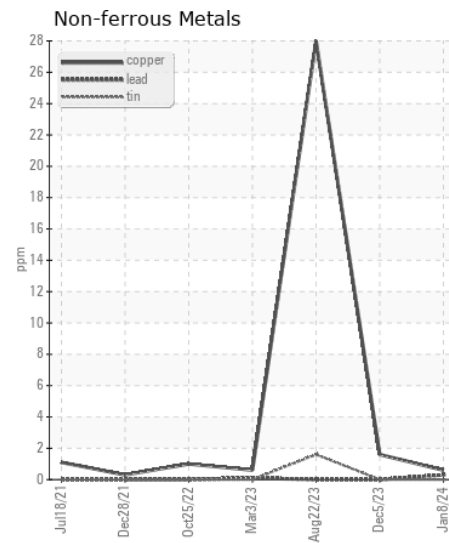
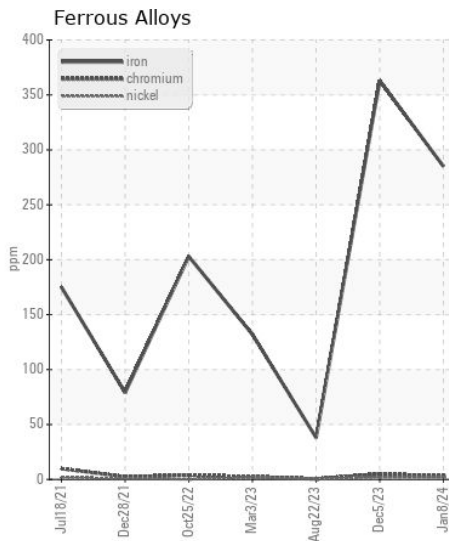
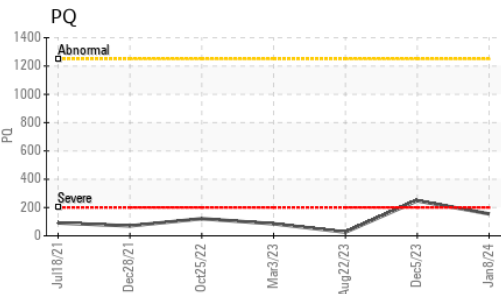
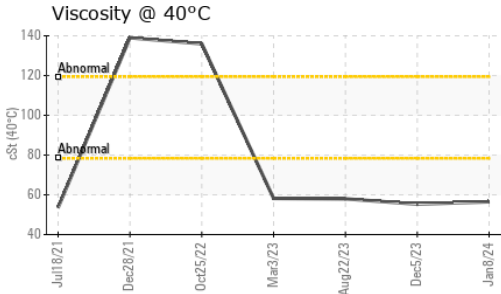
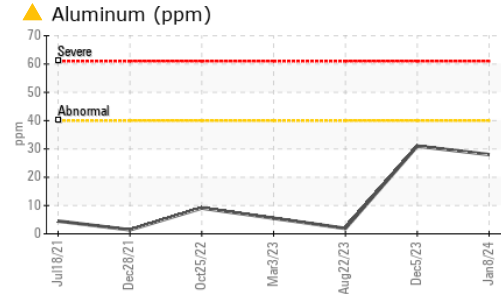
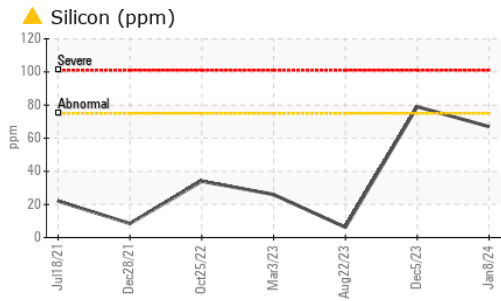
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0198872	JR0190937	JR0181690
Sample Date		Client Info		08 Jan 2024	05 Dec 2023	22 Aug 2023
Machine Age	hrs	Client Info		5141	5141	4630
Oil Age	hrs	Client Info		1000	3417	3997
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL

PQ		ASTM D8184	>1250	155	248	26
Iron	ppm	ASTM D5185m	>750	285	363	38
Chromium	ppm	ASTM D5185m	>9	3	5	<1
Nickel	ppm	ASTM D5185m	>10	2	2	<1
Titanium	ppm	ASTM D5185m		<1	1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	▲ 28	▲ 31	2
Lead	ppm	ASTM D5185m	>15	<1	0	0
Copper	ppm	ASTM D5185m	>40	<1	2	28
Tin	ppm	ASTM D5185m	>10	0	0	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	▲ 67	▲ 79	6
Potassium	ppm	ASTM D5185m	>20	3	4	<1
Water		WC Method	>0.075	NEG	NEG	NEG
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	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m	>51	1	3	<1
Boron	ppm	ASTM D5185m		<1	<1	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	1	0
Manganese	ppm	ASTM D5185m		2	3	4
Magnesium	ppm	ASTM D5185m		85	95	103
Calcium	ppm	ASTM D5185m		2894	3310	3767
Phosphorus	ppm	ASTM D5185m		1048	1100	1039
Zinc	ppm	ASTM D5185m		1089	1139	1331
Sulfur	ppm	ASTM D5185m		4160	4559	4319
Visc @ 40°C	cSt	ASTM D445		56.5	55.3	58.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198872 **Received** : 10 Jan 2024
Lab Number : 06056906 **Diagnosed** : 11 Jan 2024
Unique Number : 10822855 **Diagnostician** : Sean Felton
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)