



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750K 1T0750KXJLF368013
Component
Left Outer Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214016	JR0222134	JR0200653
Sample Date		Client Info		08 Jul 2024	08 Jul 2024	07 Mar 2024
Machine Age	hrs	Client Info		4489	4489	4018
Oil Age	hrs	Client Info		471	471	4018
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	122	77	219
Iron	ppm	ASTM D5185m	>750	182	125	449
Chromium	ppm	ASTM D5185m	>9	<1	<1	3
Nickel	ppm	ASTM D5185m	>10	0	0	3
Titanium	ppm	ASTM D5185m		1	1	3
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	24	14	46
Lead	ppm	ASTM D5185m	>15	0	0	<1
Copper	ppm	ASTM D5185m	>40	<1	<1	2
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

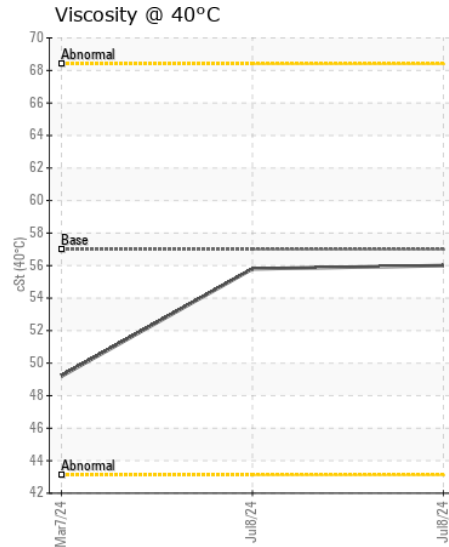
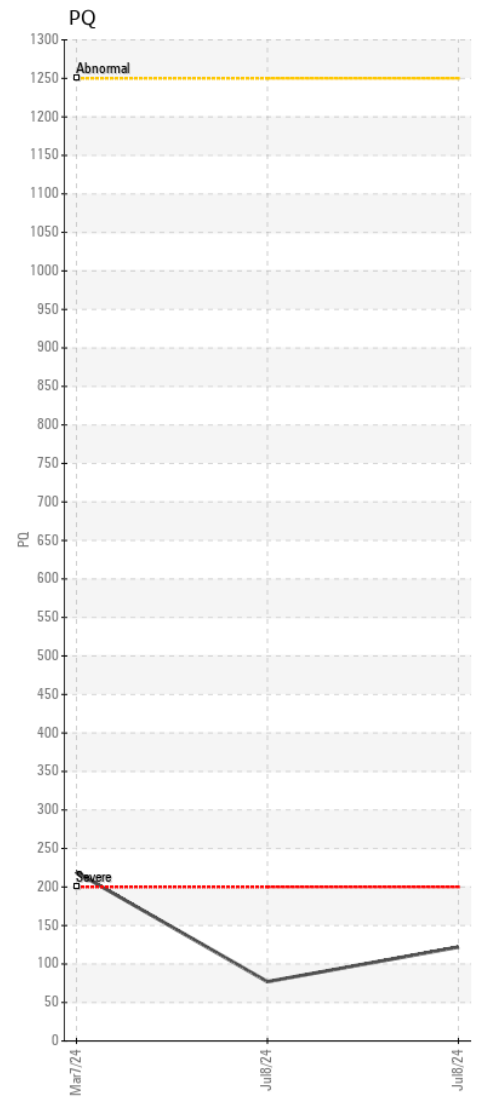
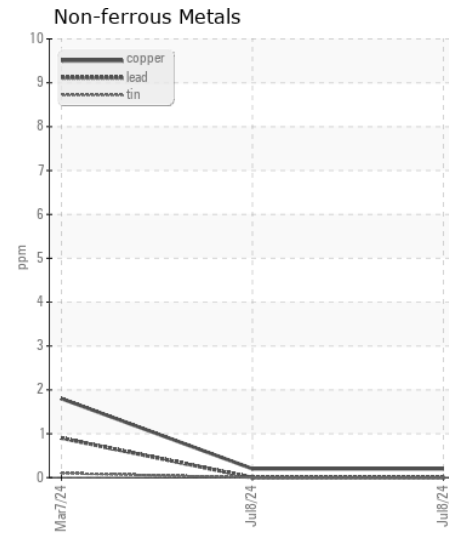
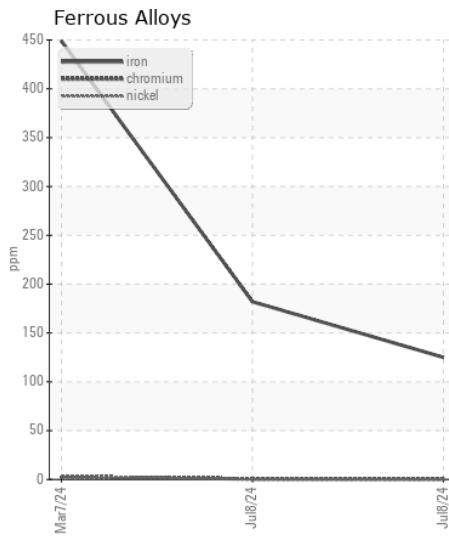
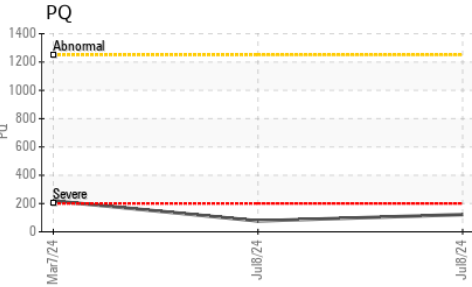
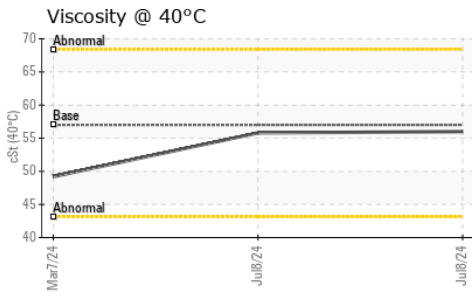
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	73	43	101
Potassium	ppm	ASTM D5185m	>20	3	2	7
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	LIGHT
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	4	3	6
Boron	ppm	ASTM D5185m	6	17	17	3
Barium	ppm	ASTM D5185m	0	0	0	1
Molybdenum	ppm	ASTM D5185m	0	15	14	2
Manganese	ppm	ASTM D5185m		1	<1	4
Magnesium	ppm	ASTM D5185m	145	136	135	82
Calcium	ppm	ASTM D5185m	3570	3328	3355	2878
Phosphorus	ppm	ASTM D5185m	1290	1044	1027	895
Zinc	ppm	ASTM D5185m	1640	1198	1190	1096
Sulfur	ppm	ASTM D5185m		3944	3900	3647
Visc @ 40°C	cSt	ASTM D445	57.0	56.0	55.8	49.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0214016

Lab Number : 06231674

Unique Number : 11115167

Test Package : CONST (Additional Tests: PQ)

Received : 09 Jul 2024

Tested : 10 Jul 2024

Diagnosed : 10 Jul 2024 - Wes Davis

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)

JRE - GREENVILLE

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