



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W48057]

Machine Id

JOHN DEERE 750L 1T0750LXCNF430917

Component

Left Inner Final Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (12 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0226418	JR0210988	JR0196119
Sample Date		Client Info		12 Jul 2024	08 Apr 2024	08 Dec 2023
Machine Age	hrs	Client Info		2962	2480	1441
Oil Age	hrs	Client Info		992	510	963
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Chngd	Changed
Filter Changed		Client Info		N/A	N/A	None
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	16	21	14
Iron	ppm	ASTM D5185m	>750	10	13	16
Chromium	ppm	ASTM D5185m	>9	<1	0	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	2	1
Lead	ppm	ASTM D5185m	>15	<1	0	0
Copper	ppm	ASTM D5185m	>40	<1	<1	0
Tin	ppm	ASTM D5185m	>10	0	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

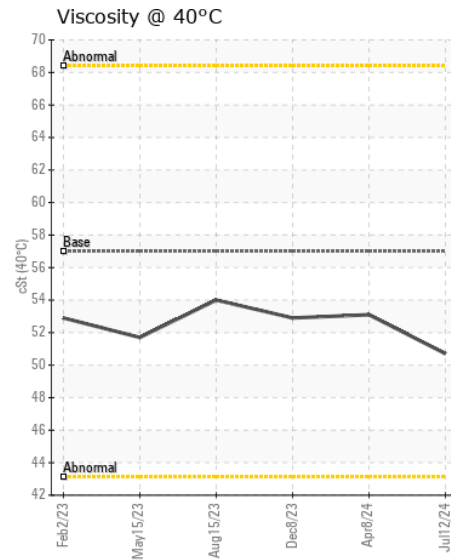
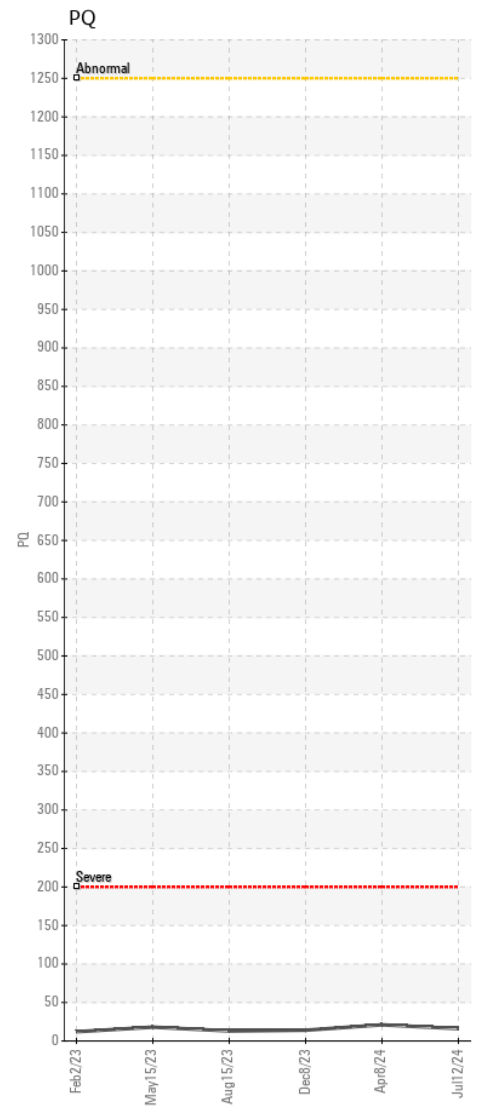
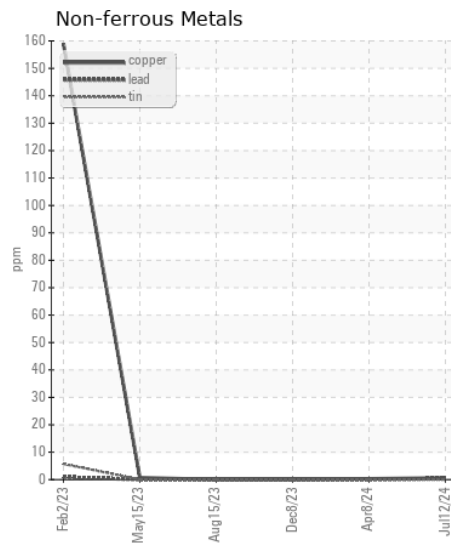
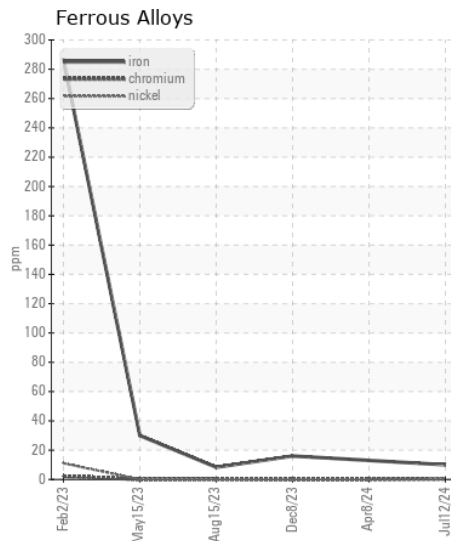
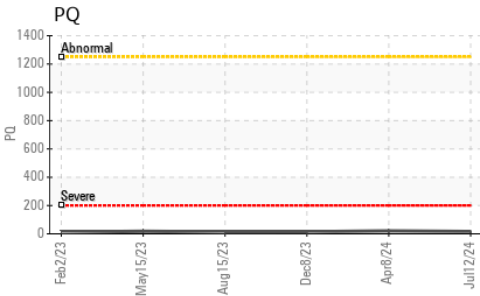
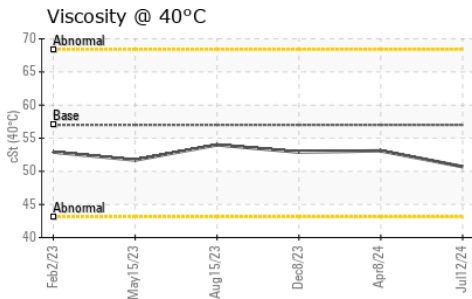
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	7	4	6
Potassium	ppm	ASTM D5185m	>20	2	2	2
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	0	0
Boron	ppm	ASTM D5185m	6	7	7	7
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	5	5	5
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	145	118	112	115
Calcium	ppm	ASTM D5185m	3570	3513	3566	3475
Phosphorus	ppm	ASTM D5185m	1290	1114	1196	1062
Zinc	ppm	ASTM D5185m	1640	1277	1272	1284
Sulfur	ppm	ASTM D5185m		3551	4569	4196
Visc @ 40°C	cSt	ASTM D445	57.0	50.7	53.1	52.9



Certificate L2367

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

Sample No. : JR0226418

Lab Number : 06236414

Unique Number : 11125248

Test Package : CONST (Additional Tests: PQ)

Received : 15 Jul 2024

Tested : 16 Jul 2024

Diagnosed : 16 Jul 2024 - Wes Davis

JRE - MANASSAS PARK

9107 OWENS DRIVE

MANASSAS PARK, VA

US 20111

Contact: TECHNICIAN ACCOUNT

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T:

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)

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