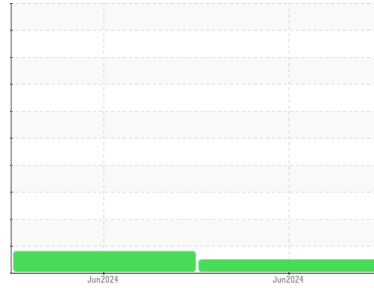




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

JOHN DEERE 744P LDR016

Component

Differential

Fluid

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0930803	WC0930804	---
Sample Date	Client Info			28 Jun 2024	25 Jun 2024	---
Machine Age	hrs	Client Info		5543	5543	---
Oil Age	hrs	Client Info		250	250	---
Oil Changed	Client Info			Not Chngd	Not Chngd	---
Sample Status				NORMAL	ABNORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>.2	NEG	NEG	---

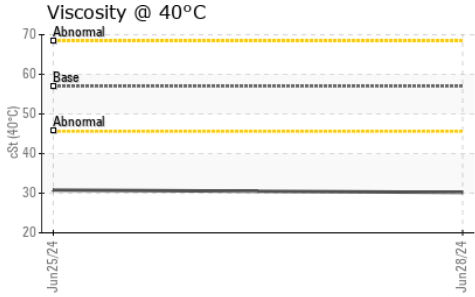
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	25	43	---
Chromium	ppm	ASTM D5185(m)	>10	0	0	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	1	1	---
Lead	ppm	ASTM D5185(m)	>25	<1	4	---
Copper	ppm	ASTM D5185(m)	>100	11	▲ 128	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Antimony	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	6	4	6	---
Barium	ppm	ASTM D5185(m)	0	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	0	0	0	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)	145	89	91	---
Calcium	ppm	ASTM D5185(m)	3570	3335	3390	---
Phosphorus	ppm	ASTM D5185(m)	1290	1022	1014	---
Zinc	ppm	ASTM D5185(m)	1640	1199	1199	---
Sulfur	ppm	ASTM D5185(m)		3194	3281	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	4	4	---
Sodium	ppm	ASTM D5185(m)		2	3	---
Potassium	ppm	ASTM D5185(m)	>20	1	2	---



OIL ANALYSIS REPORT



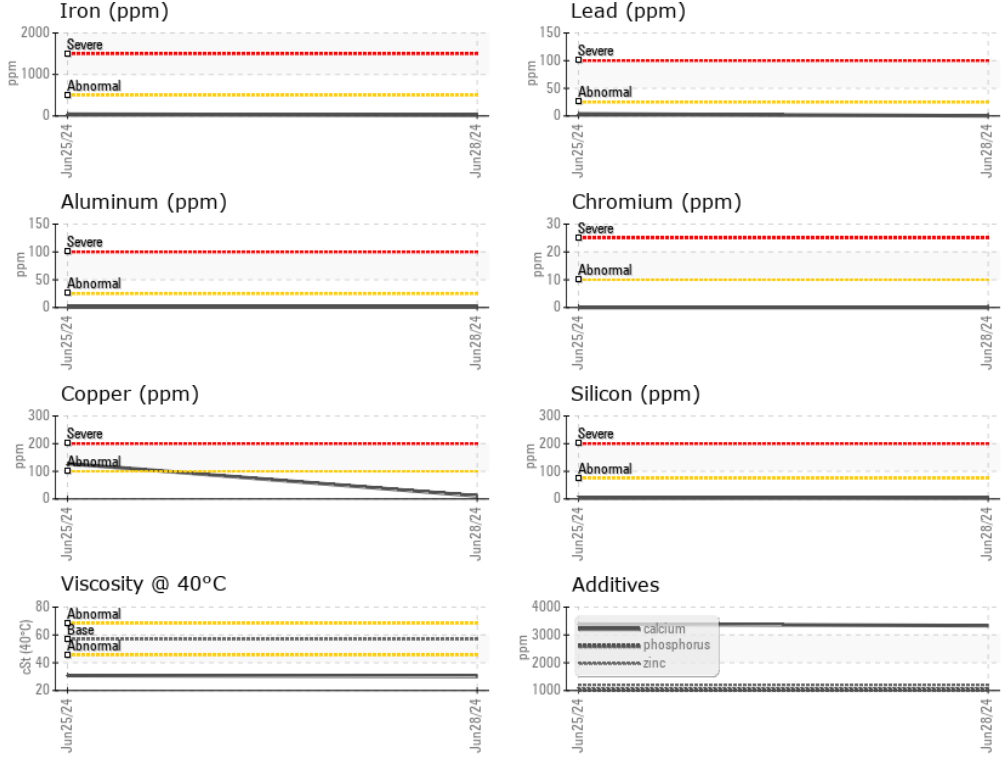
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	57.0	30.2	30.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color						no image
Bottom						no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0930803 **Received** : 04 Jul 2024
Lab Number : **02645574** **Tested** : 04 Jul 2024
Unique Number : 5803113 **Diagnosed** : 04 Jul 2024 - Wes Davis
Test Package : MOB 1

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 1350 Government Rd. W, MACASSA COMPLEX
 Kirkland Lake, ON
 CA P2N 3J1
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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.