



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE RTL-4
Component
Front Differential
Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CL0005581	CL0005244	CL0004426
Sample Date		Client Info		28 Jun 2024	12 Mar 2024	29 Jun 2023
Machine Age	hrs	Client Info		4450	4025	3390
Oil Age	hrs	Client Info		4450	4025	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	105	105	88
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	2	<1
Lead	ppm	ASTM D5185m	>25	46	40	34
Copper	ppm	ASTM D5185m	>100	50	45	38
Tin	ppm	ASTM D5185m	>10	3	3	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

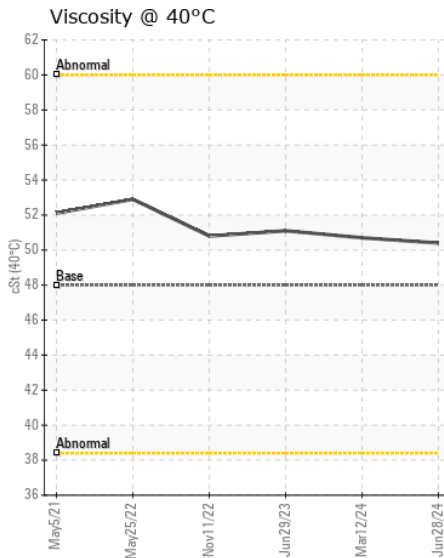
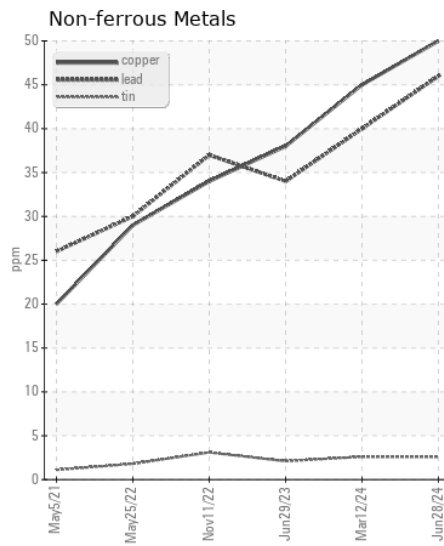
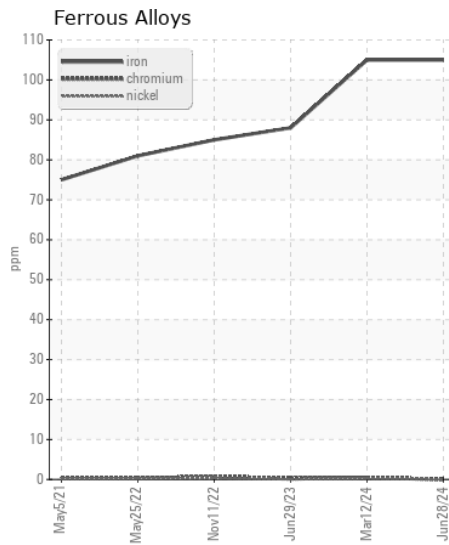
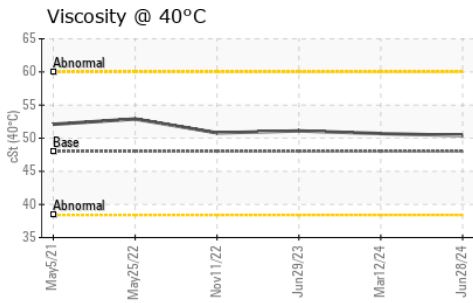
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	8	8	7
Potassium	ppm	ASTM D5185m	>20	4	5	<1
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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	>.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		10	6	8
Boron	ppm	ASTM D5185m	10	<1	12	4
Barium	ppm	ASTM D5185m	10	<1	3	4
Molybdenum	ppm	ASTM D5185m	10	0	<1	<1
Manganese	ppm	ASTM D5185m		3	3	3
Magnesium	ppm	ASTM D5185m	100	103	94	96
Calcium	ppm	ASTM D5185m	3500	3629	3325	3133
Phosphorus	ppm	ASTM D5185m	1150	1123	1069	930
Zinc	ppm	ASTM D5185m	1150	1235	1168	1088
Sulfur	ppm	ASTM D5185m	5000	4336	5110	4014
Visc @ 40°C	cSt	ASTM D445	48	50.4	50.7	51.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : CL0005581
Lab Number : 06230630
Unique Number : 11114123
Test Package : CONST
Received : 08 Jul 2024
Tested : 10 Jul 2024
Diagnosed : 10 Jul 2024 - Jonathan Hester

BULLSEYE CONSTRUCTION
 581 N POLK ST
 PINEVILLE, NC
 US 28134
 Contact: SERVICE MANAGER

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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F: