



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W46990]

Machine Id

JOHN DEERE 000748

Component

Left Final Drive

Fluid

JOHN DEERE GL-5 80W90 (10 QTS)

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

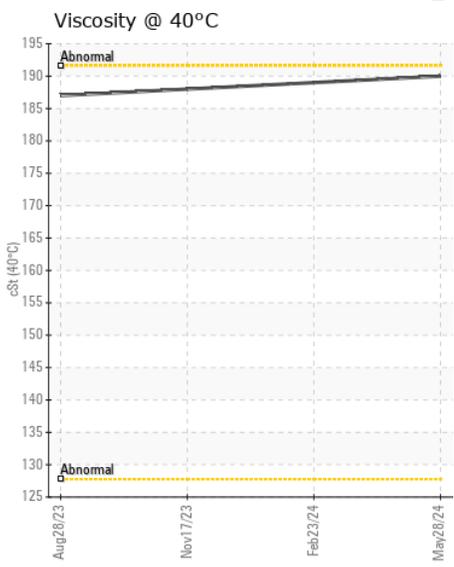
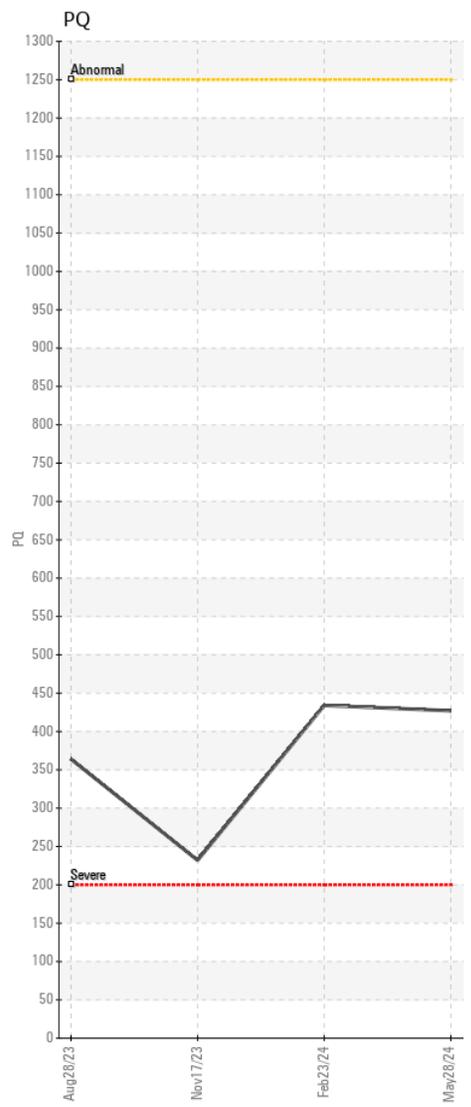
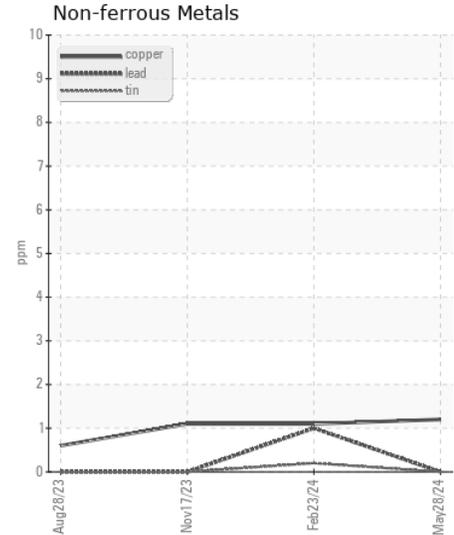
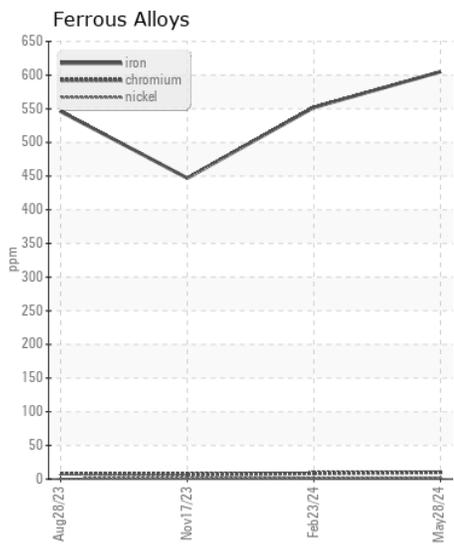
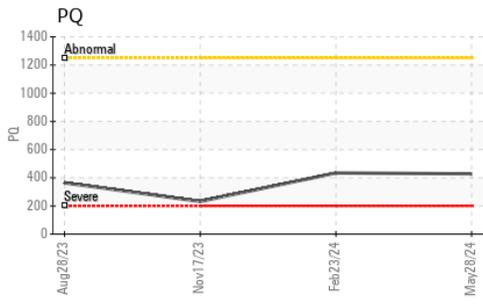
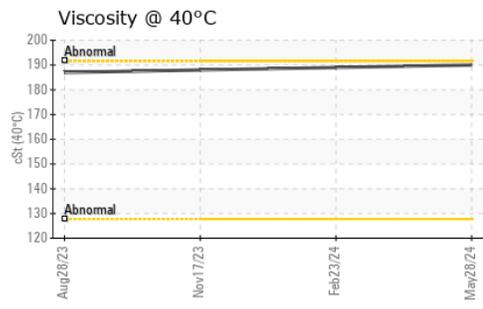
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218005	JR0203130	JR0192435
Sample Date		Client Info		28 May 2024	23 Feb 2024	17 Nov 2023
Machine Age	hrs	Client Info		1983	1490	967
Oil Age	hrs	Client Info		1983	1490	967
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

PQ		ASTM D8184	>1250	427	434	232
Iron	ppm	ASTM D5185m	>750	605	552	447
Chromium	ppm	ASTM D5185m	>9	10	8	7
Nickel	ppm	ASTM D5185m	>10	2	1	<1
Titanium	ppm	ASTM D5185m		1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	6	4	1
Lead	ppm	ASTM D5185m	>15	0	1	0
Copper	ppm	ASTM D5185m	>40	1	1	1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	38	30	19
Potassium	ppm	ASTM D5185m	>20	3	2	2
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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	1	0
Boron	ppm	ASTM D5185m		77	73	84
Barium	ppm	ASTM D5185m		5	2	0
Molybdenum	ppm	ASTM D5185m		<1	0	<1
Manganese	ppm	ASTM D5185m		11	10	8
Magnesium	ppm	ASTM D5185m		2	2	<1
Calcium	ppm	ASTM D5185m		26	21	18
Phosphorus	ppm	ASTM D5185m		574	496	478
Zinc	ppm	ASTM D5185m		24	12	7
Sulfur	ppm	ASTM D5185m		16971	15187	16178
Visc @ 40°C	cSt	ASTM D445		190	189	188



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218005 **Received** : 29 May 2024
Lab Number : 06194716 **Tested** : 31 May 2024
Unique Number : 11056839 **Diagnosed** : 31 May 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

B & S SITE DEVELOPMENT
 7800 PINEY BRANCH LANE
 BRISTOW, VA
 US 20136
 Contact: DANNY HUFF
 dhuff@bandssite.com
 T: (540)270-3203
 F: (703)753-0605

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)