



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
000245
Component
Left Final Drive
Fluid
JOHN DEERE GL-5 80W90 (--- QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

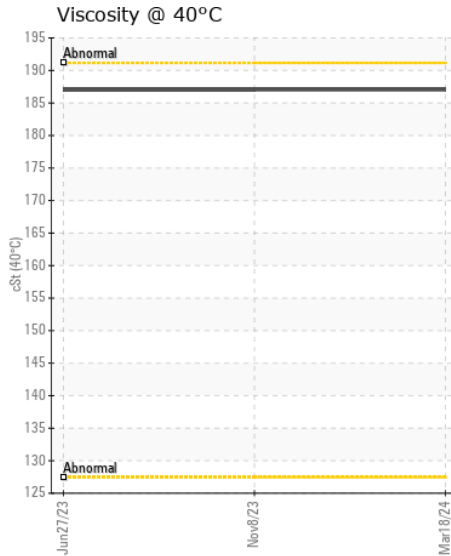
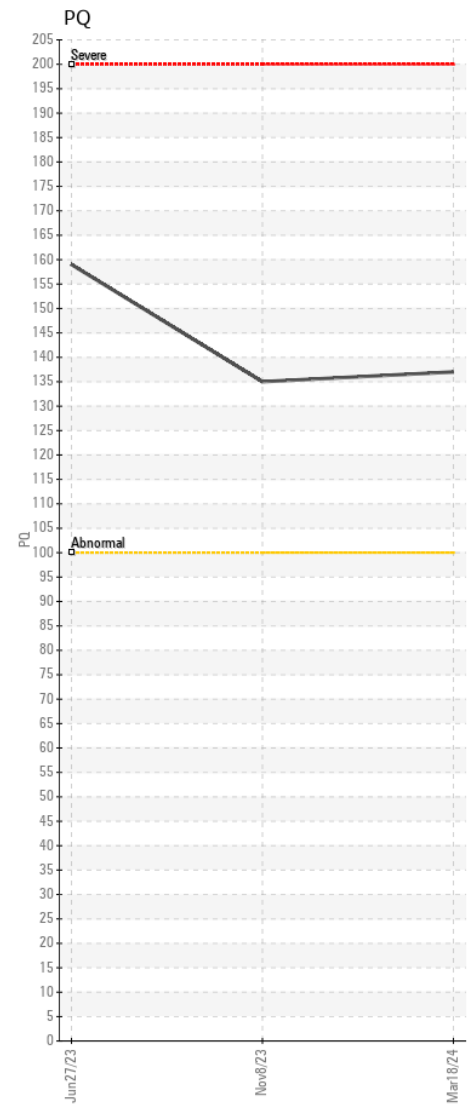
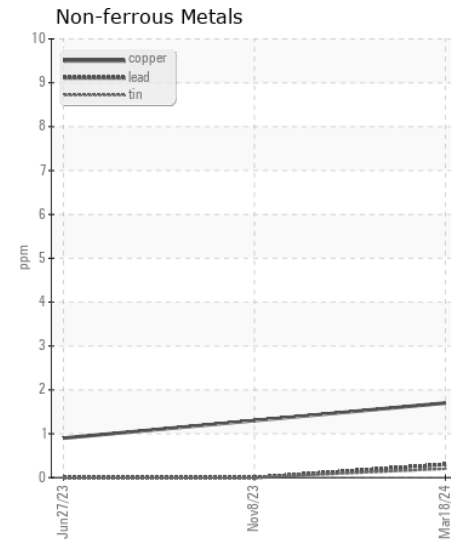
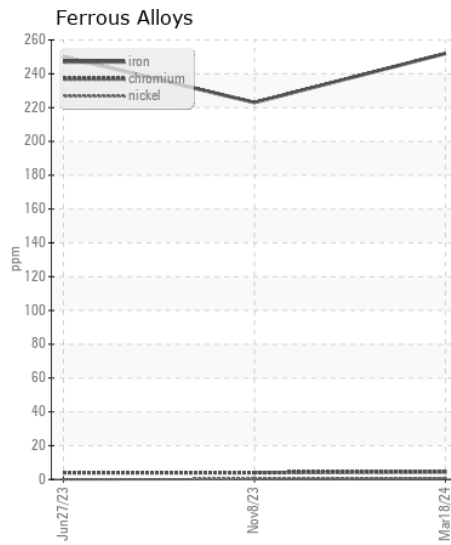
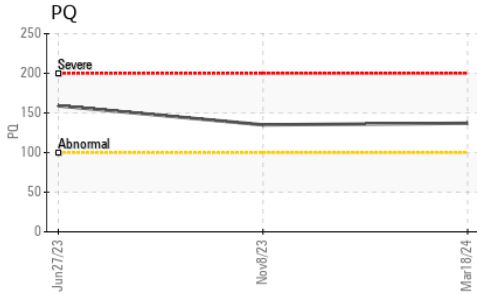
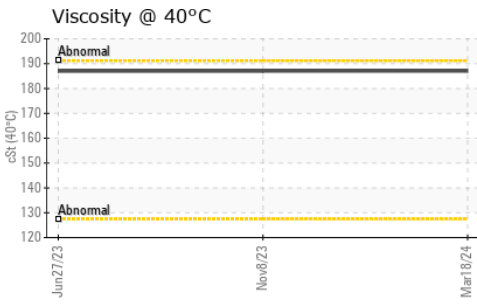
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0208156	JR0192327	JR0174865
Sample Date		Client Info		18 Mar 2024	08 Nov 2023	27 Jun 2023
Machine Age	hrs	Client Info		1465	945	467
Oil Age	hrs	Client Info		1465	945	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		None	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		137	135	159
Iron	ppm	ASTM D5185m	>500	252	223	250
Chromium	ppm	ASTM D5185m	>10	4	4	4
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	<1	0
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	2	1	<1
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	16	13	16
Potassium	ppm	ASTM D5185m	>20	1	1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	LIGHT	LIGHT
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	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		<1	1	0
Boron	ppm	ASTM D5185m		72	76	86
Barium	ppm	ASTM D5185m		2	1	4
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		6	5	6
Magnesium	ppm	ASTM D5185m		3	1	0
Calcium	ppm	ASTM D5185m		75	24	18
Phosphorus	ppm	ASTM D5185m		477	531	537
Zinc	ppm	ASTM D5185m		29	12	11
Sulfur	ppm	ASTM D5185m		16961	15649	16163
Visc @ 40°C	cSt	ASTM D445		187	187	187



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0208156 **Received** : 20 Mar 2024
Lab Number : 06123975 **Tested** : 21 Mar 2024
Unique Number : 10938126 **Diagnosed** : 22 Mar 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

CWS-STRITTMATTER
 9102 OWENS DR
 MANASSAS PARK, VA
 US 20111

Contact: EDDIE GARRETSON
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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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