



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[16W16100]
 Machine Id
JOHN DEERE 210G 1FF210GXHNF529953
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (6 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: 16W16100)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206896	JR0196574	JR0173909
Sample Date		Client Info		22 Apr 2024	05 Dec 2023	26 Jun 2023
Machine Age	hrs	Client Info		1960	1482	1009
Oil Age	hrs	Client Info		1960	1482	1009
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

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	116	102	92
Iron	ppm	ASTM D5185m	>750	202	184	105
Chromium	ppm	ASTM D5185m	>9	4	4	3
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	1
Silver	ppm	ASTM D5185m		0	0	3
Aluminum	ppm	ASTM D5185m	>40	2	2	3
Lead	ppm	ASTM D5185m	>15	0	0	1
Copper	ppm	ASTM D5185m	>40	1	<1	1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

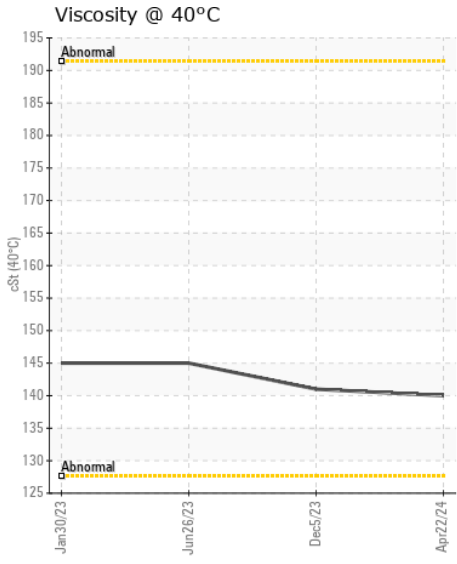
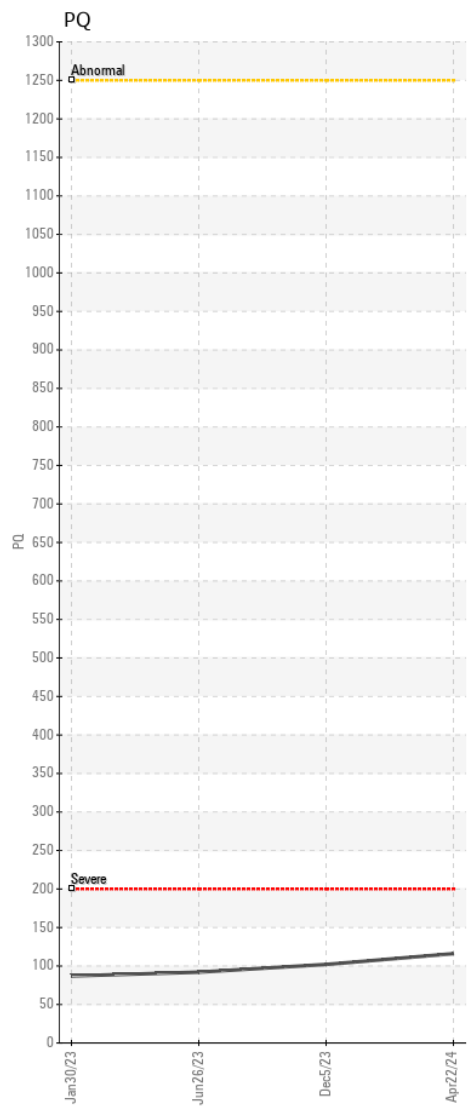
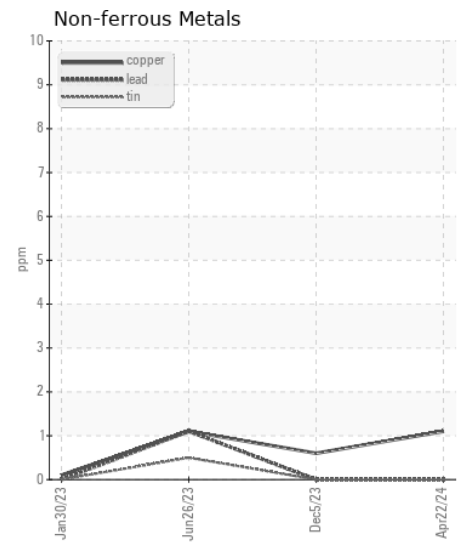
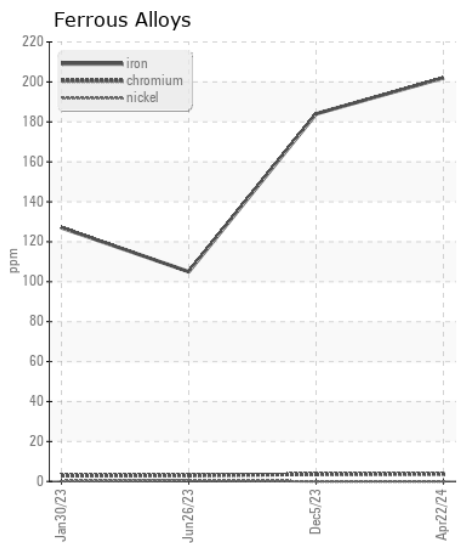
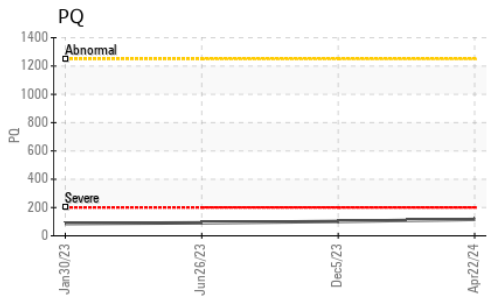
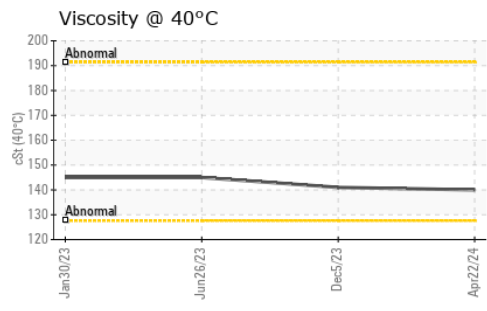
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	39	37	23
Potassium	ppm	ASTM D5185m	>20	0	4	4
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	<1	3	2
Boron	ppm	ASTM D5185m		173	169	134
Barium	ppm	ASTM D5185m		<1	1	<1
Molybdenum	ppm	ASTM D5185m		3	0	2
Manganese	ppm	ASTM D5185m		4	3	3
Magnesium	ppm	ASTM D5185m		14	0	6
Calcium	ppm	ASTM D5185m		24	12	51
Phosphorus	ppm	ASTM D5185m		1090	1052	771
Zinc	ppm	ASTM D5185m		35	22	29
Sulfur	ppm	ASTM D5185m		21746	19142	17303
Visc @ 40°C	cSt	ASTM D445		140	141	145



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206896 **Received** : 24 Apr 2024
Lab Number : 06159373 **Tested** : 25 Apr 2024
Unique Number : 10994796 **Diagnosed** : 26 Apr 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - CASTLE HAYNE
 113 CROWATAN ROAD
 CASTLE HAYNE, NC
 US 28429-5819

Contact: WILMINGTON SHOP

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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)

T: (910)675-9211

F: