



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W63109]
Machine Id
JOHN DEERE 210G 1FF210GXHJF526691
Component
Pump Drive
Fluid
SAE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W63109)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0198599	JR0178698	JR0161972
Sample Date		Client Info		16 Jan 2024	17 Aug 2023	28 Apr 2023
Machine Age	hrs	Client Info		3539	2989	2639
Oil Age	hrs	Client Info		550	1850	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Not Changed
Filter Changed		Client Info		Not Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		15	12	12
Iron	ppm	ASTM D5185m	>151	25	43	31
Chromium	ppm	ASTM D5185m	>11	0	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	5	9	3
Lead	ppm	ASTM D5185m	>51	<1	0	0
Copper	ppm	ASTM D5185m	>51	<1	0	<1
Tin	ppm	ASTM D5185m	>4	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

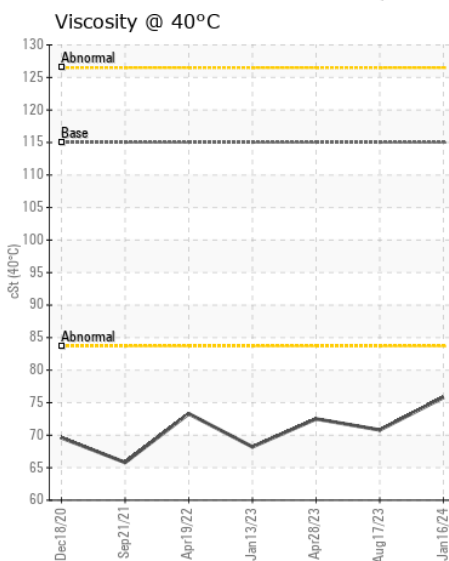
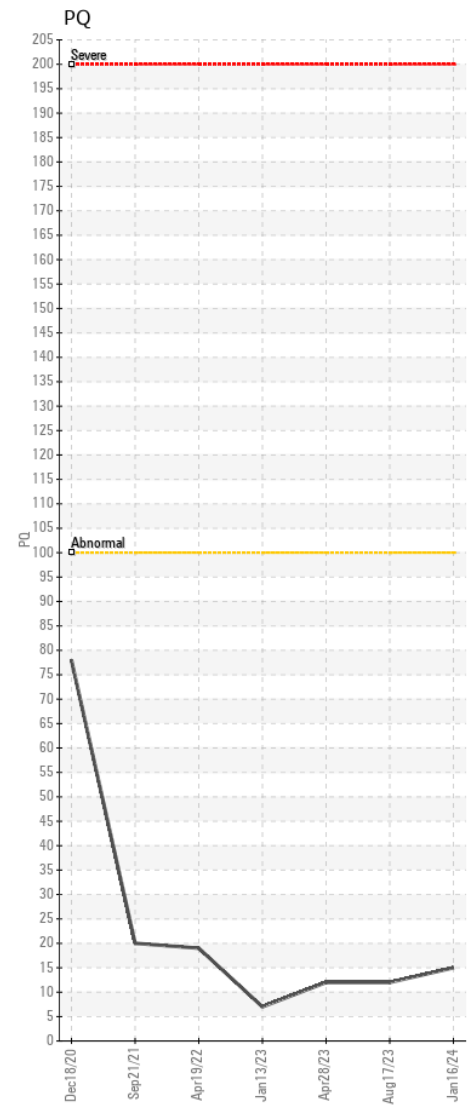
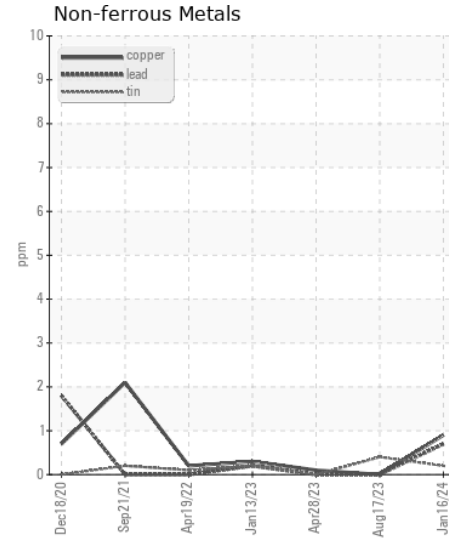
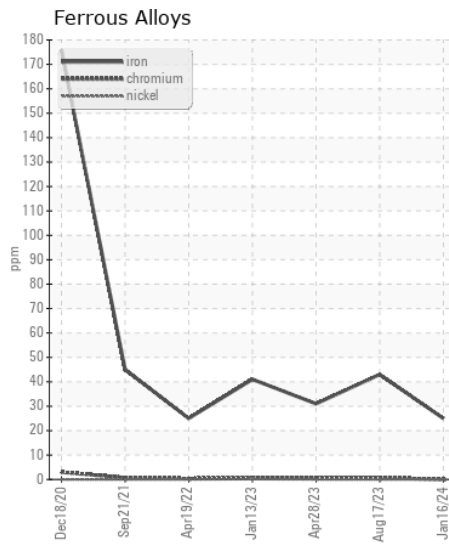
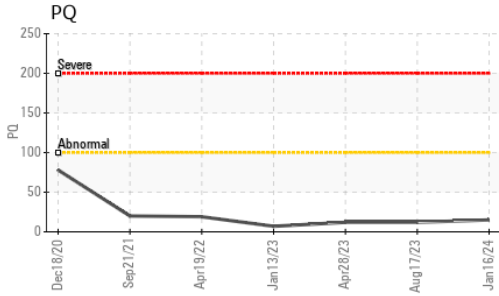
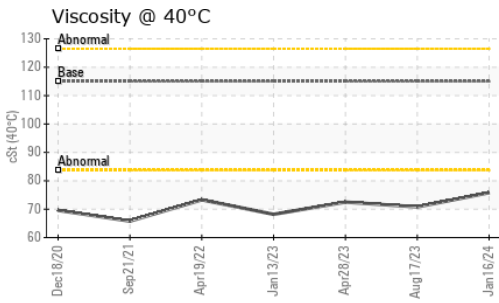
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	14	19	16
Potassium	ppm	ASTM D5185m	>20	<1	1	2
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>57	1	2	<1
Boron	ppm	ASTM D5185m		268	345	299
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		245	238	226
Manganese	ppm	ASTM D5185m		<1	1	<1
Magnesium	ppm	ASTM D5185m		836	805	717
Calcium	ppm	ASTM D5185m		1486	1490	1360
Phosphorus	ppm	ASTM D5185m		994	950	894
Zinc	ppm	ASTM D5185m		1106	1047	989
Sulfur	ppm	ASTM D5185m		3236	3905	2938
Visc @ 40°C	cSt	ASTM D445	115	75.8	70.8	72.5



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198599 **Received** : 18 Jan 2024
Lab Number : 06064521 **Diagnosed** : 21 Jan 2024
Unique Number : 10835903 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)