



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210G 1FF210GXVGF524086
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0202824	JR0197838	JR0098911
Sample Date		Client Info		31 Jan 2024	20 Dec 2023	03 Aug 2021
Machine Age	hrs	Client Info		5279	5234	4151
Oil Age	hrs	Client Info		5279	0	0
Filter Age	hrs	Client Info		5279	0	0
Oil Changed		Client Info		N/A	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	N/A
Sample Status				NORMAL	SEVERE	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	123	2980	1737
Iron	ppm	ASTM D5185m	>750	316	8339	7929
Chromium	ppm	ASTM D5185m	>9	2	62	69
Nickel	ppm	ASTM D5185m	>10	<1	11	13
Titanium	ppm	ASTM D5185m		1	22	41
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	8	224	373
Lead	ppm	ASTM D5185m	>15	<1	<1	2
Copper	ppm	ASTM D5185m	>40	<1	14	15
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	1	2
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

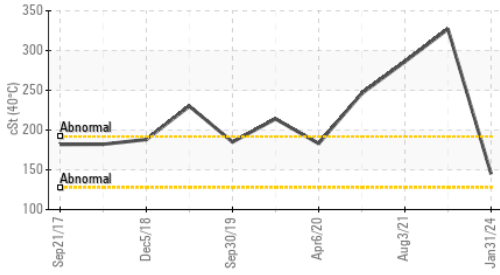
Silicon	ppm	ASTM D5185m	>75	60	1793	2374
Potassium	ppm	ASTM D5185m	>20	2	56	77
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	NEG	0.2%	NEG

FLUID CONDITION

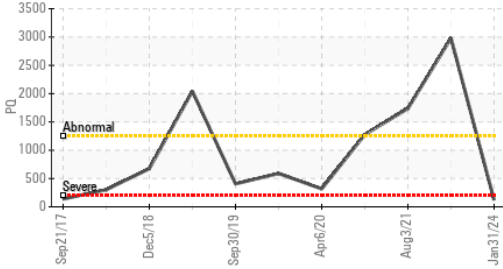
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<1	7	22
Boron	ppm	ASTM D5185m		0	18	37
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	6	7
Manganese	ppm	ASTM D5185m		2	64	67
Magnesium	ppm	ASTM D5185m		0	10	18
Calcium	ppm	ASTM D5185m		0	24	34
Phosphorus	ppm	ASTM D5185m		427	2027	1958
Zinc	ppm	ASTM D5185m		8	2	23
Sulfur	ppm	ASTM D5185m		20779	26744	25022
Visc @ 40°C	cSt	ASTM D445		145	327	286

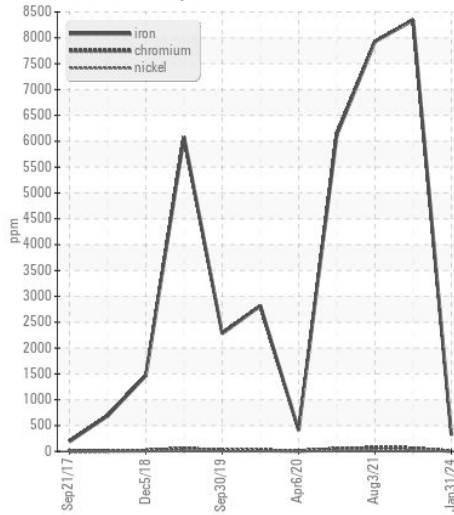
Viscosity @ 40°C



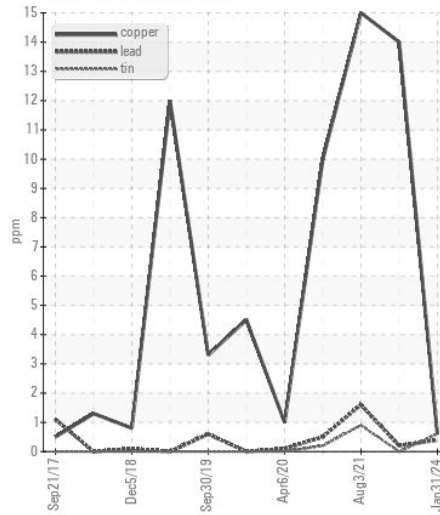
PQ



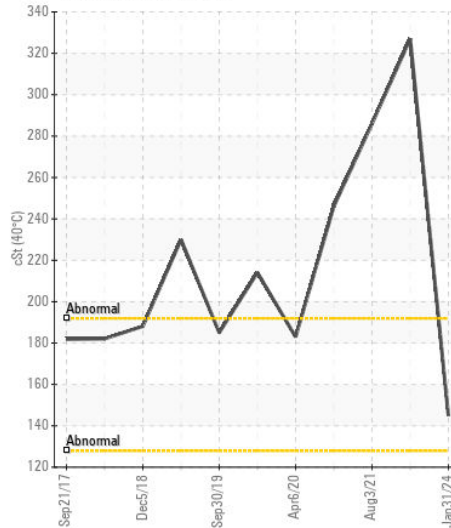
Ferrous Alloys



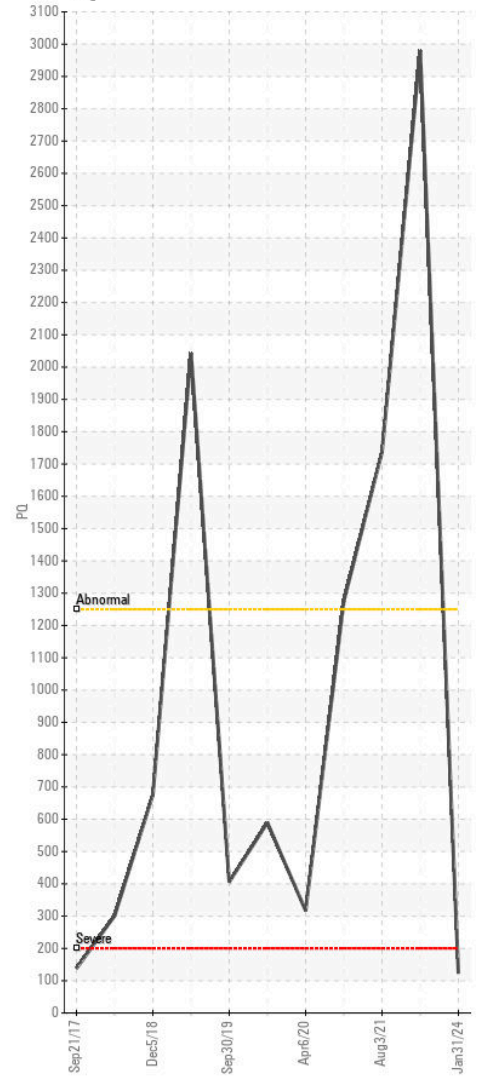
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0202824 **Received** : 31 Jan 2024
Lab Number : 06076447 **Diagnosed** : 02 Feb 2024
Unique Number : 10858538 **Diagnostician** : Doug Bogart
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: RALEIGH SHOP
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com
 T: (919)614-2260
 F: (919)779-5432

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)