



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 250G 1FF250GXVFF609867
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0157210	JR0062557	JR0034852
Sample Date		Client Info		20 Dec 2022	18 Sep 2020	17 Feb 2020
Machine Age	hrs	Client Info		4060	3429	3517
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	N/A
Filter Changed		Client Info		N/A	Not Changd	N/A
Sample Status				ABNORMAL	SEVERE	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	383	103	162
Iron	ppm	ASTM D5185m	>500	693	▲ 1363	▲ 3424
Chromium	ppm	ASTM D5185m	>10	6	▲ 10	▲ 28
Nickel	ppm	ASTM D5185m		<1	2	5
Titanium	ppm	ASTM D5185m		1	2	9
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	20	● 32	● 102
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper	ppm	ASTM D5185m	>50	2	3	7
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	1
White Metal	scalar	*Visual	NONE	LIGHT	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

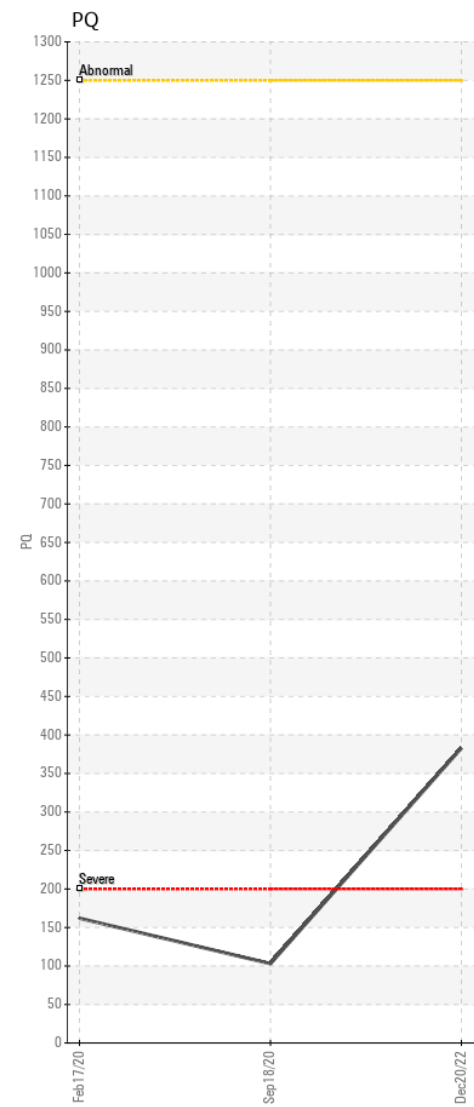
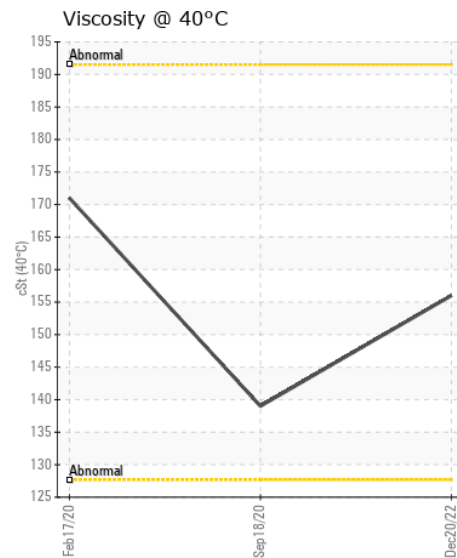
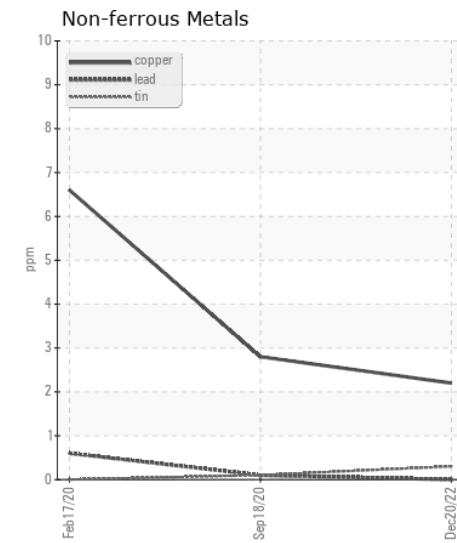
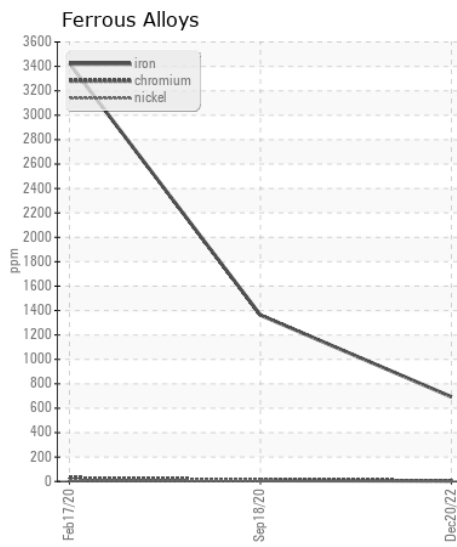
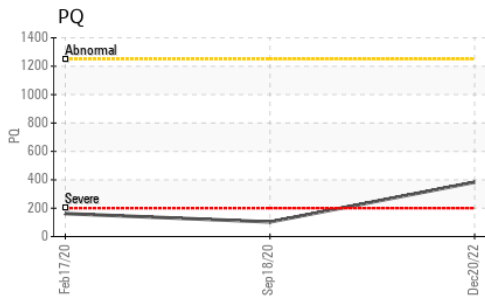
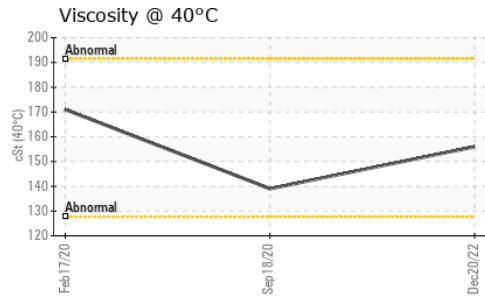
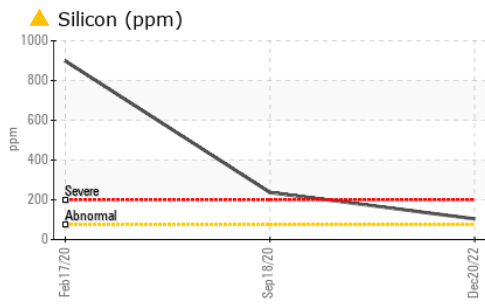
Elemental level of silicon (Si) above normal

Silicon	ppm	ASTM D5185m	>75	▲ 104	▲ 237	▲ 899
Potassium	ppm	ASTM D5185m	>20	2	9	33
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%	▲ 0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	5	3	14
Boron	ppm	ASTM D5185m		9	47	97
Barium	ppm	ASTM D5185m		<1	0	2
Molybdenum	ppm	ASTM D5185m		<1	1	0
Manganese	ppm	ASTM D5185m		8	10	26
Magnesium	ppm	ASTM D5185m		14	12	15
Calcium	ppm	ASTM D5185m		142	45	171
Phosphorus	ppm	ASTM D5185m		2430	451	793
Zinc	ppm	ASTM D5185m		87	36	43
Sulfur	ppm	ASTM D5185m		33254	15860	42009
Visc @ 40°C	cSt	ASTM D445		156	● 139	171



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0157210 **Received** : 23 Dec 2022
Lab Number : 05725033 **Tested** : 27 Dec 2022
Unique Number : 10269614 **Diagnosed** : 27 Dec 2022 - Angela Borella
Test Package : CONST (Additional Tests: PQ)

JRE - ASHEVILLE
 101 BRUCE DRIVE
 ASHEVILLE, NC
 US 28806

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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)