



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 6195R A033327
 Component
Right Final Drive
 Fluid
DYNAGARD J20C (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0136245	JR0110440	JR0082425
Sample Date		Client Info		14 Nov 2022	03 Feb 2022	30 Jul 2021
Machine Age	hrs	Client Info		4560	2885	1903
Oil Age	hrs	Client Info		1675	1026	1066
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
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	22	40	47
Iron	ppm	ASTM D5185m	>500	117	91	163
Chromium	ppm	ASTM D5185m	>10	<1	<1	1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		2	0	0
Aluminum	ppm	ASTM D5185m	>25	2	1	1
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper	ppm	ASTM D5185m	>50	<1	<1	1
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	LIGHT	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

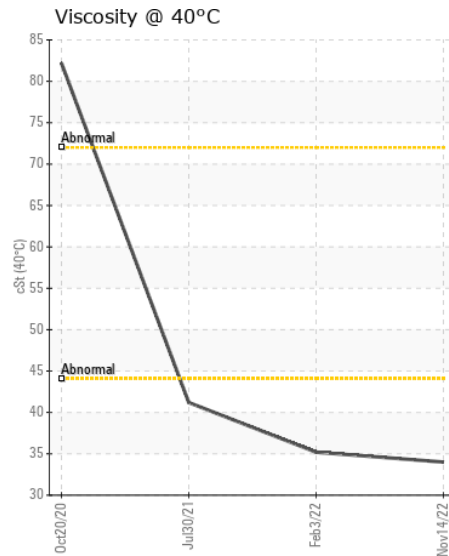
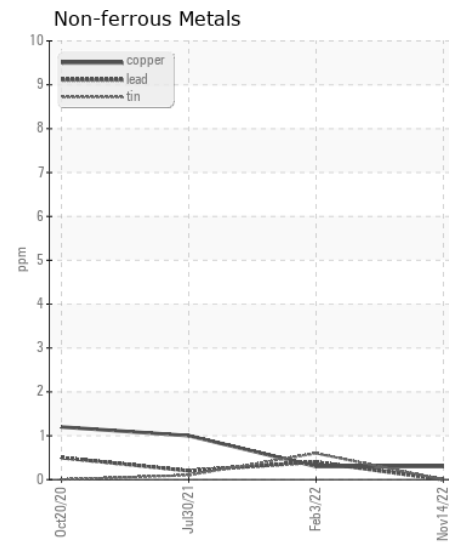
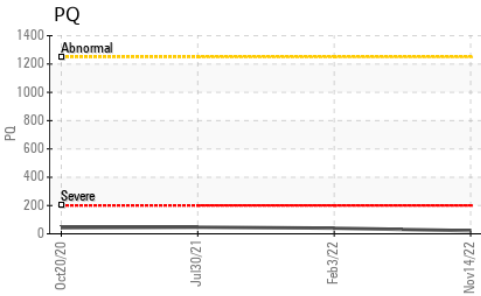
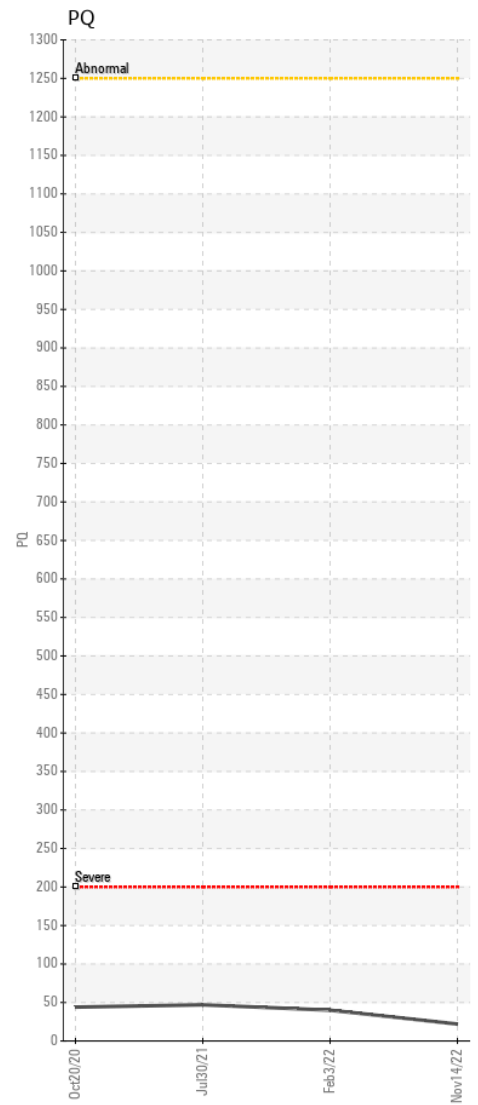
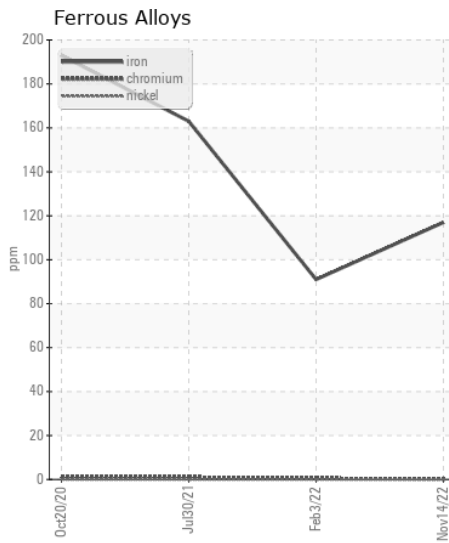
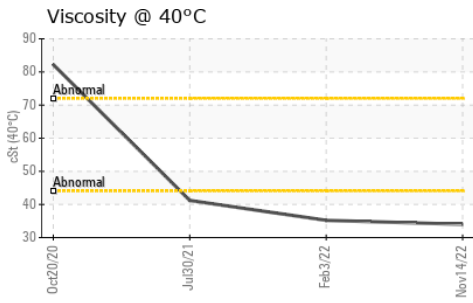
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	11	9	36
Potassium	ppm	ASTM D5185m	>20	3	0	0
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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	0	0	2
Boron	ppm	ASTM D5185m		4	8	33
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	1	2
Manganese	ppm	ASTM D5185m		<1	<1	2
Magnesium	ppm	ASTM D5185m		11	13	18
Calcium	ppm	ASTM D5185m		2568	2456	2433
Phosphorus	ppm	ASTM D5185m		957	932	980
Zinc	ppm	ASTM D5185m		1036	982	1158
Sulfur	ppm	ASTM D5185m		3746	2813	3795
Visc @ 40°C	cSt	ASTM D445		34.0	35.2	41.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0136245

Lab Number : 05696496

Unique Number : 10221069

Test Package : CONST (Additional Tests: PQ)

Received : 17 Nov 2022

Tested : 18 Nov 2022

Diagnosed : 18 Nov 2022 - Sean Felton

BALFOUR BEATTY INFRASTRUCTURE INC

PO BOX 12267

WILMINGTON, NC

US 28405

Contact: TODD COLLINS

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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