



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W62994]
 Machine Id
JOHN DEERE 672G 1DW672GXVCE644735
 Component
Front Left Wheel Hub
 Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W62994)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0198946	JRMC445933	JRMC426528
Sample Date		Client Info		11 Jan 2024	19 Jan 2018	02 May 2017
Machine Age	hrs	Client Info		6678	2901	2579
Oil Age	hrs	Client Info		3777	500	0
Filter Age	hrs	Client Info		0	500	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		N/A	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

Metal levels are typical for a new component breaking in.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		14	144	186
Iron	ppm	ASTM D5185m	>500	8	238	249
Chromium	ppm	ASTM D5185m	>8	<1	3	3
Nickel	ppm	ASTM D5185m	>5	0	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>5	2	2	1
Lead	ppm	ASTM D5185m	>5	0	<1	<1
Copper	ppm	ASTM D5185m	>50	13	16	20
Tin	ppm	ASTM D5185m		0	0	8
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	HEAVY
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

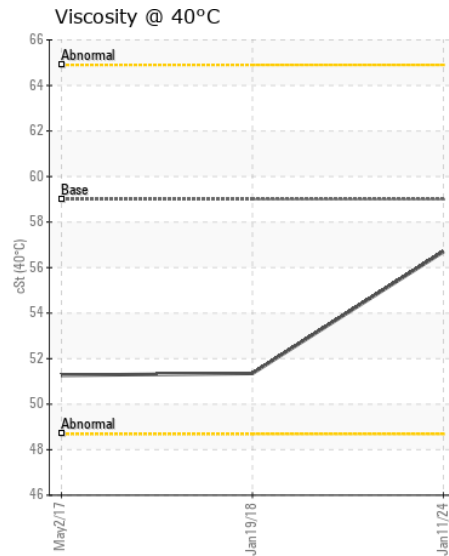
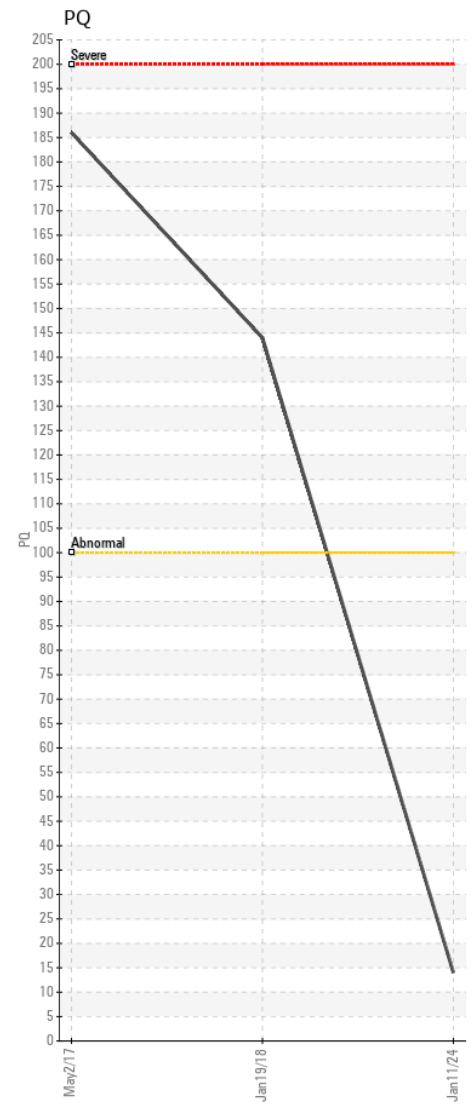
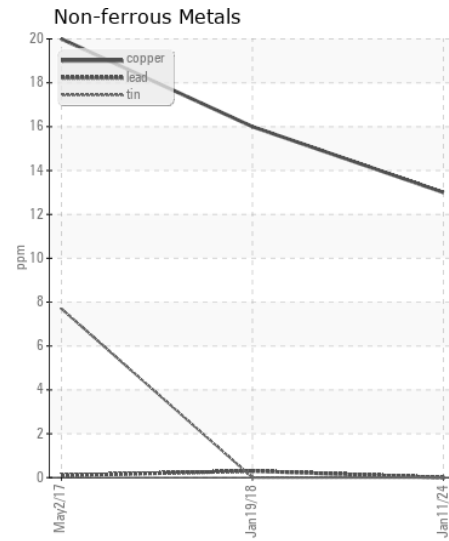
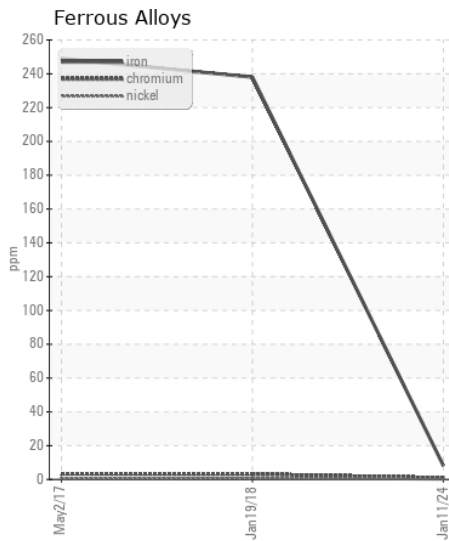
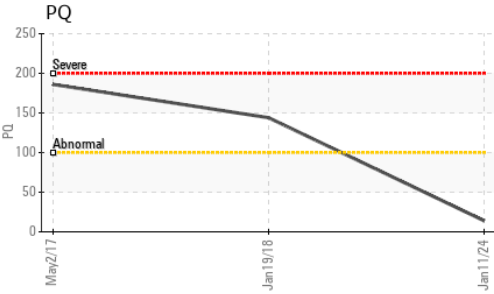
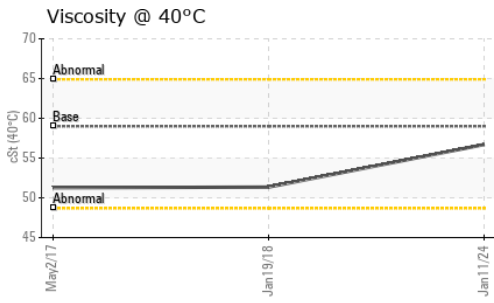
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>25	10	11	9
Potassium	ppm	ASTM D5185m	>20	0	6	2
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		1	5	7
Boron	ppm	ASTM D5185m		33	8	6
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		29	<1	0
Manganese	ppm	ASTM D5185m		0	4	4
Magnesium	ppm	ASTM D5185m		117	103	103
Calcium	ppm	ASTM D5185m		495	3566	3652
Phosphorus	ppm	ASTM D5185m		649	1059	1024
Zinc	ppm	ASTM D5185m		782	1263	1283
Sulfur	ppm	ASTM D5185m		1857	3695	3643
Visc @ 40°C	cSt	ASTM D445	59	56.7	51.35	51.27



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198946 **Received** : 17 Jan 2024
Lab Number : 06063019 **Diagnosed** : 24 Jan 2024
Unique Number : 10834401 **Diagnostician** : Doug Bogart
Test Package : CONST (Additional Tests: PQ)

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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