



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[47134]

Machine Id

JOHN DEERE 672GP 1DW672GPCMF712941

Component

Left Chain Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218579	JR0187447	JR0166495
Sample Date		Client Info		19 Jun 2024	04 Oct 2023	05 Apr 2023
Machine Age	hrs	Client Info		1961	975	946
Oil Age	hrs	Client Info		1932	29	946
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	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		35	31	38
Iron	ppm	ASTM D5185m	>200	57	50	35
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		2	2	2
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m		2	1	<1
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

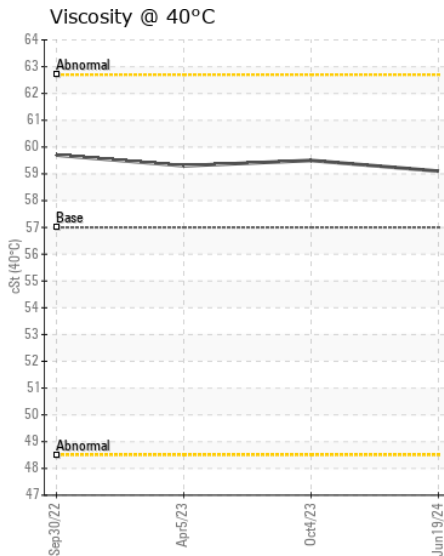
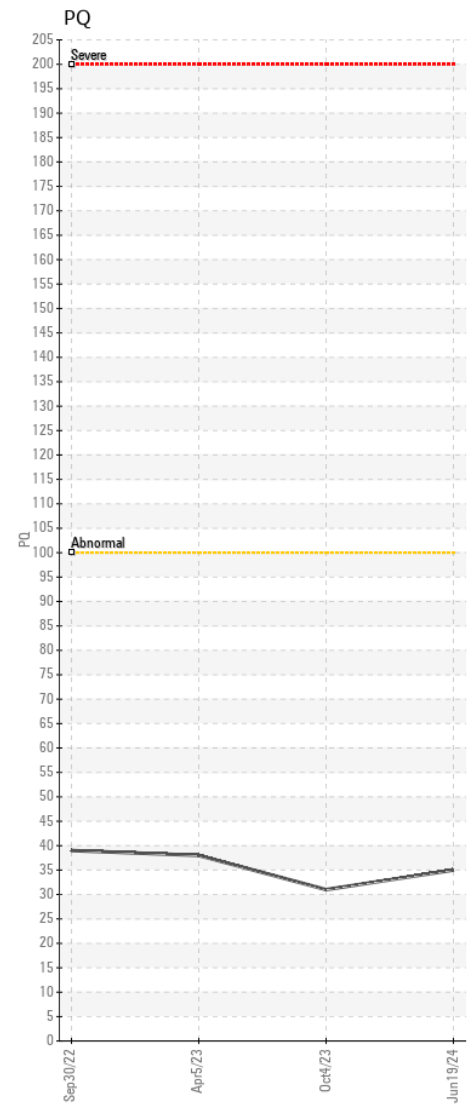
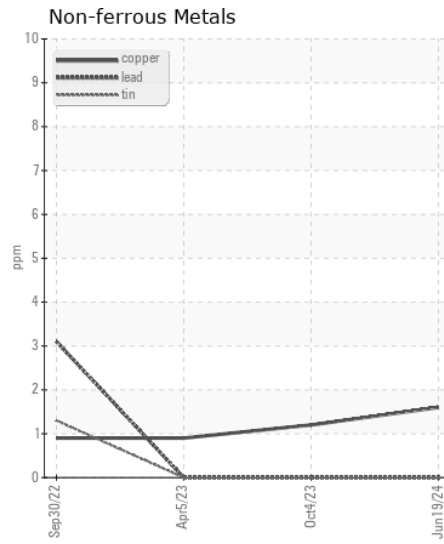
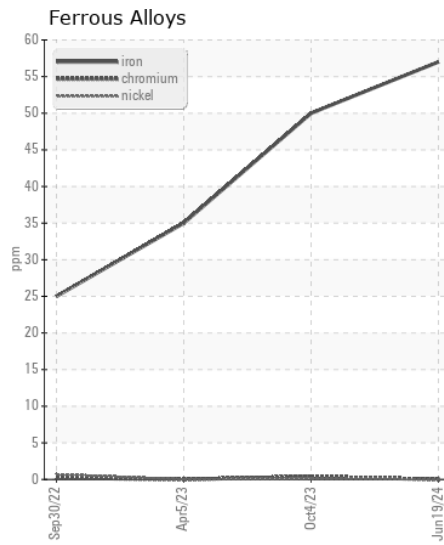
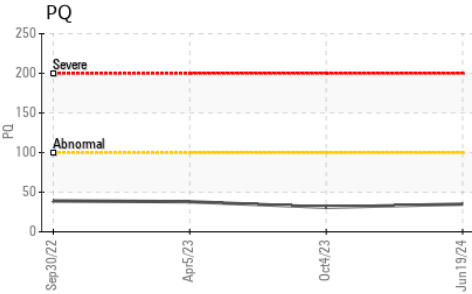
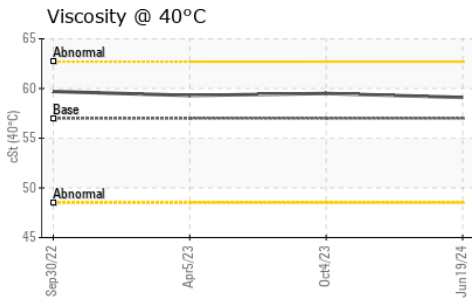
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		8	7	8
Potassium	ppm	ASTM D5185m	>20	0	2	0
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

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

Sodium	ppm	ASTM D5185m		2	<1	0
Boron	ppm	ASTM D5185m	6	<1	0	0
Barium	ppm	ASTM D5185m	0	3	2	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m	145	105	109	115
Calcium	ppm	ASTM D5185m	3570	3379	3432	3455
Phosphorus	ppm	ASTM D5185m	1290	1062	1078	1075
Zinc	ppm	ASTM D5185m	1640	1274	1306	1275
Sulfur	ppm	ASTM D5185m		4438	3893	3734
Visc @ 40°C	cSt	ASTM D445	57.0	59.1	59.5	59.3



Certificate L2367

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

Sample No. : JR0218579

Lab Number : 06216027

Unique Number : 11088891

Test Package : CONST (Additional Tests: PQ)

Received : 20 Jun 2024

Tested : 22 Jun 2024

Diagnosed : 22 Jun 2024 - Wes Davis

JRE - MANASSAS PARK

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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)