



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAKNF000420
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (11 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0221017	JR0200973	JR0182285
Sample Date		Client Info		27 Jun 2024	19 Mar 2024	25 Sep 2023
Machine Age	hrs	Client Info		1492	1187	721
Oil Age	hrs	Client Info		1492	1187	721
Filter Age	hrs	Client Info		0	0	721
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	124	268	248
Iron	ppm	ASTM D5185m	>750	427	428	353
Chromium	ppm	ASTM D5185m	>9	8	8	6
Nickel	ppm	ASTM D5185m	>10	2	1	<1
Titanium	ppm	ASTM D5185m		1	1	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	3	3	1
Lead	ppm	ASTM D5185m	>15	<1	<1	0
Copper	ppm	ASTM D5185m	>40	2	1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

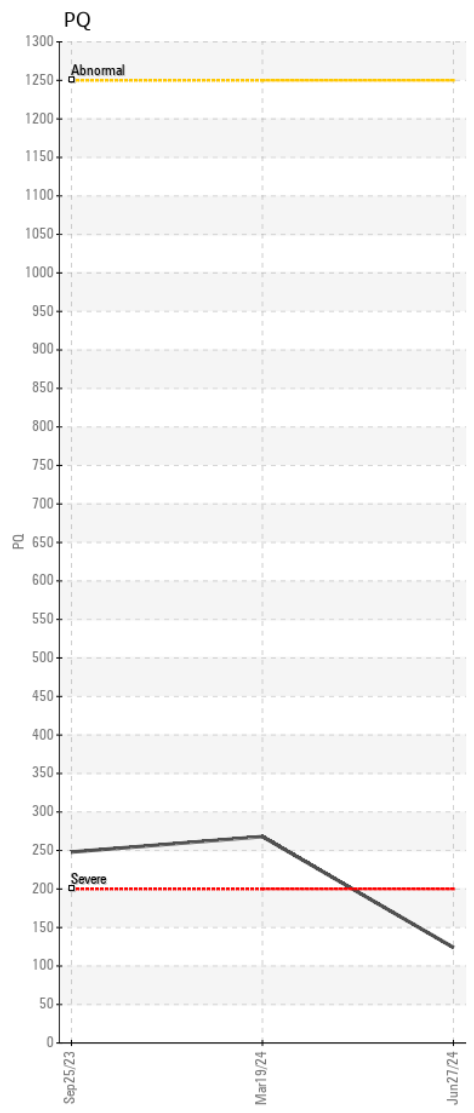
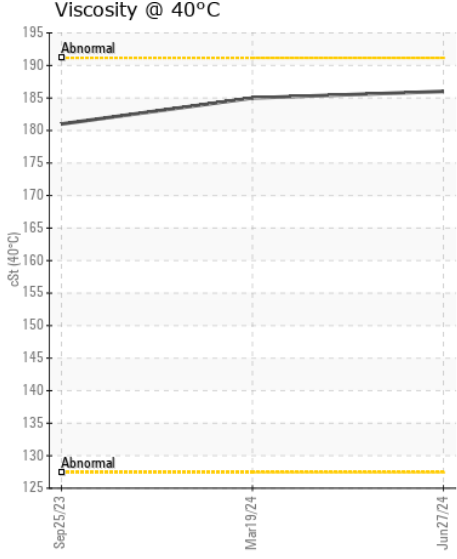
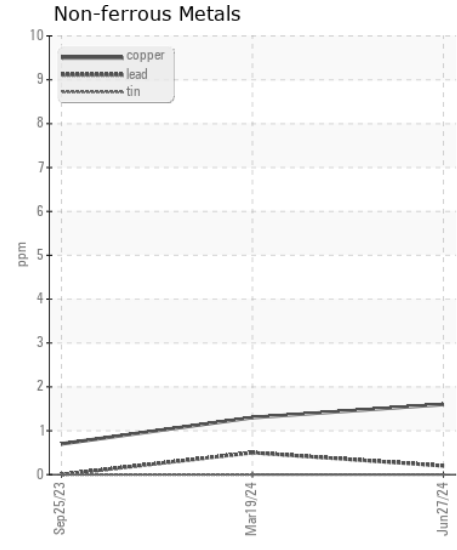
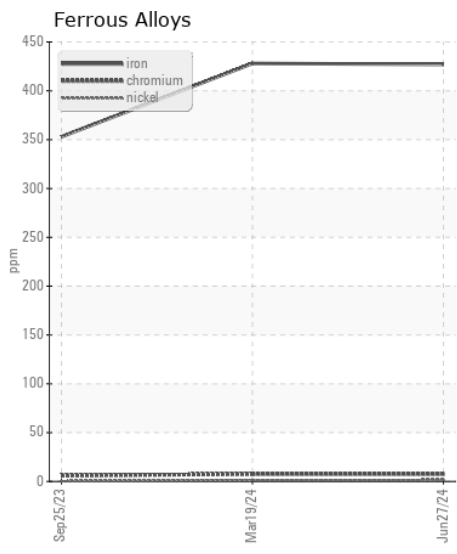
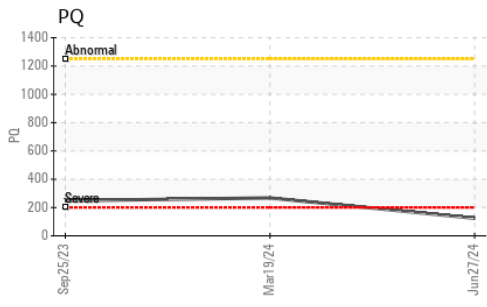
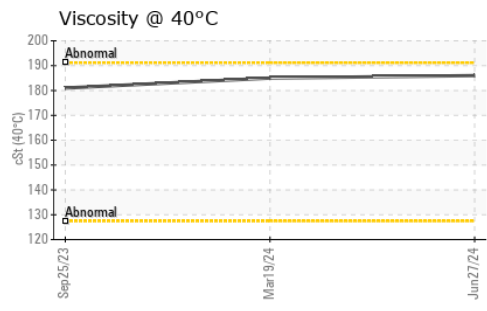
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	23	20	13
Potassium	ppm	ASTM D5185m	>20	2	1	<1
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	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<1	1	0
Boron	ppm	ASTM D5185m		74	69	80
Barium	ppm	ASTM D5185m		4	3	2
Molybdenum	ppm	ASTM D5185m		10	<1	<1
Manganese	ppm	ASTM D5185m		8	8	7
Magnesium	ppm	ASTM D5185m		32	2	<1
Calcium	ppm	ASTM D5185m		68	50	21
Phosphorus	ppm	ASTM D5185m		569	495	496
Zinc	ppm	ASTM D5185m		57	30	17
Sulfur	ppm	ASTM D5185m		15359	17200	14949
Visc @ 40°C	cSt	ASTM D445		186	185	181



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0221017 **Received** : 01 Jul 2024
Lab Number : 06224796 **Tested** : 02 Jul 2024
Unique Number : 11102993 **Diagnosed** : 02 Jul 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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)