



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAANF000150

Component
Hydraulic System

Fluid
JOHN DEERE HYDRAU (--- QTS)

RECOMMENDATION

(Customer Sample Comment:
Top Up Amount: 13.5 QTS)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0208218	JR0190196	JR0176369
Sample Date		Client Info		27 Feb 2024	17 Oct 2023	19 Jun 2023
Machine Age	hrs	Client Info		2446	1967	1458
Oil Age	hrs	Client Info		2446	1967	0
Filter Age	hrs	Client Info		2446	1967	0
Oil Changed		Client Info		Oil Added	Oil Added	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

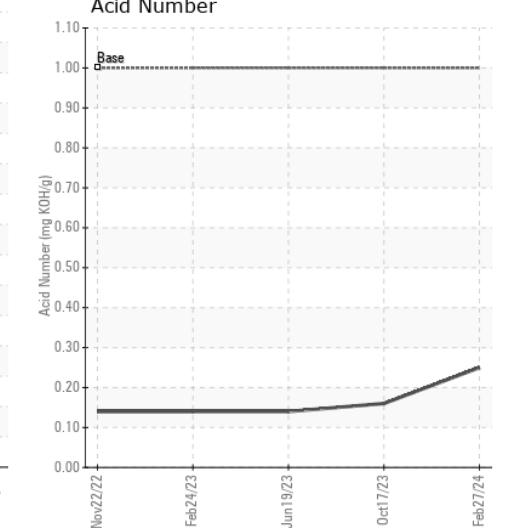
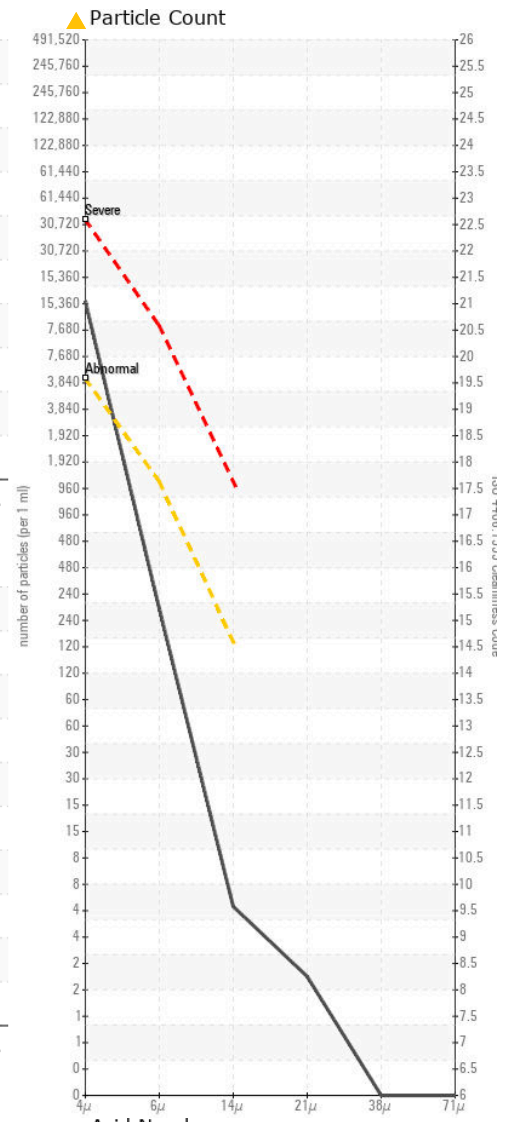
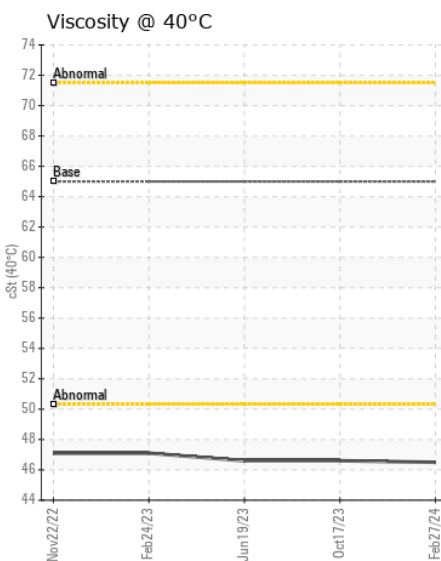
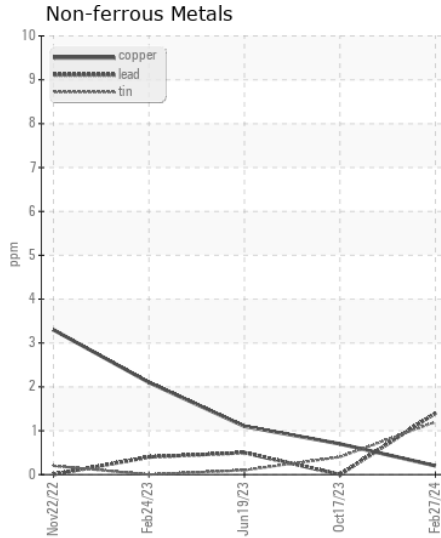
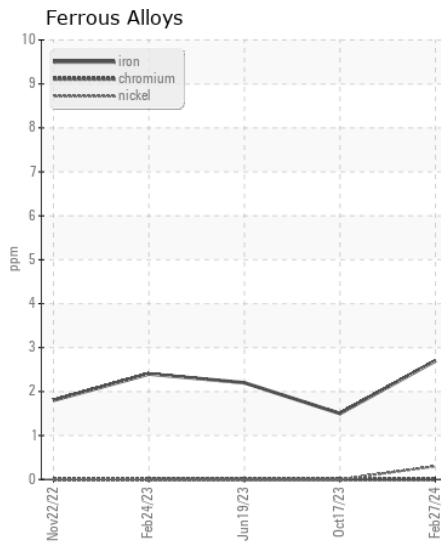
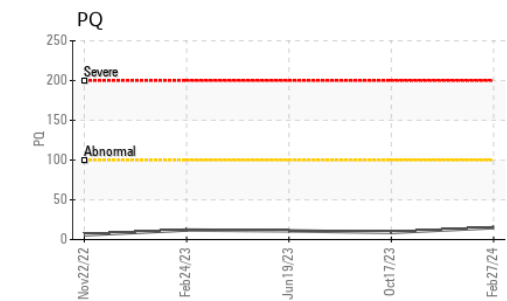
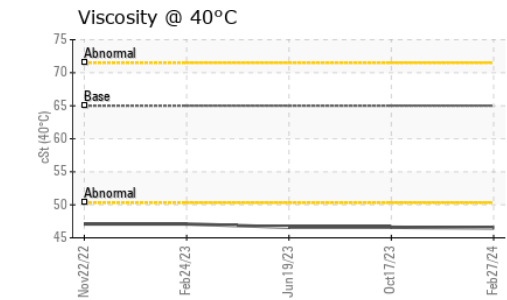
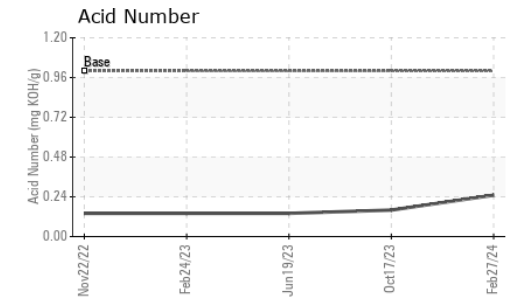
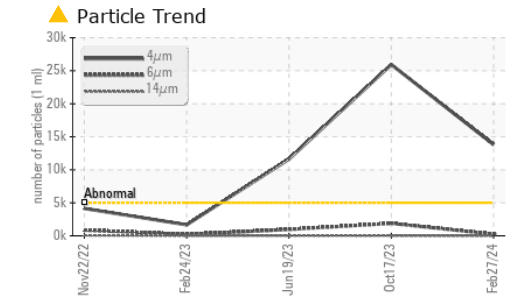
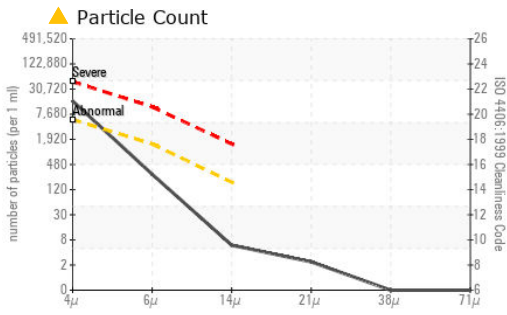
PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		15	9	11
Iron	ppm	ASTM D5185m	>20	3	2	2
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	0	<1
Lead	ppm	ASTM D5185m	>10	1	0	<1
Copper	ppm	ASTM D5185m	>75	<1	<1	1
Tin	ppm	ASTM D5185m	>10	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

Silicon	ppm	ASTM D5185m	>20	1	1	<1
Potassium	ppm	ASTM D5185m	>20	<1	0	1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 13805	▲ 25926	▲ 11622
Particles >6µm		ASTM D7647	>1300	247	● 1887	970
Particles >14µm		ASTM D7647	>160	5	17	24
Particles >21µm		ASTM D7647	>40	2	3	10
Particles >38µm		ASTM D7647	>10	0	0	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 21/15/10	▲ 22/18/11	▲ 21/17/12
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	>0.1	NEG	NEG	NEG

FLUID CONDITION

Sodium	ppm	ASTM D5185m		0	1	<1
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	0	1
Calcium	ppm	ASTM D5185m	87	0	2	<1
Phosphorus	ppm	ASTM D5185m	727	536	501	550
Zinc	ppm	ASTM D5185m	900	12	<1	11
Sulfur	ppm	ASTM D5185m	1500	72	62	78
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.25	0.16	0.14
Visc @ 40°C	cSt	ASTM D445	65	46.5	46.6	46.6



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0208218 **Received** : 28 Feb 2024
Lab Number : 06103636 **Tested** : 29 Feb 2024
Unique Number : 10901866 **Diagnosed** : 01 Mar 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
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 US 20111
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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)