



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PACPF000755
 Component
Hydraulic System
 Fluid
JOHN DEERE HYDRAU (--- GAL)

RECOMMENDATION

(Customer Sample Comment:
 Top Up Amount: 10 QTS)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0217898	JR0203305	---
Sample Date		Client Info		29 May 2024	20 Feb 2024	---
Machine Age	hrs	Client Info		997	486	---
Oil Age	hrs	Client Info		997	0	---
Filter Age	hrs	Client Info		997	0	---
Oil Changed		Client Info		Oil Added	Not Changd	---
Filter Changed		Client Info		Changed	Not Changd	---
Sample Status				ABNORMAL	NORMAL	---

WEAR

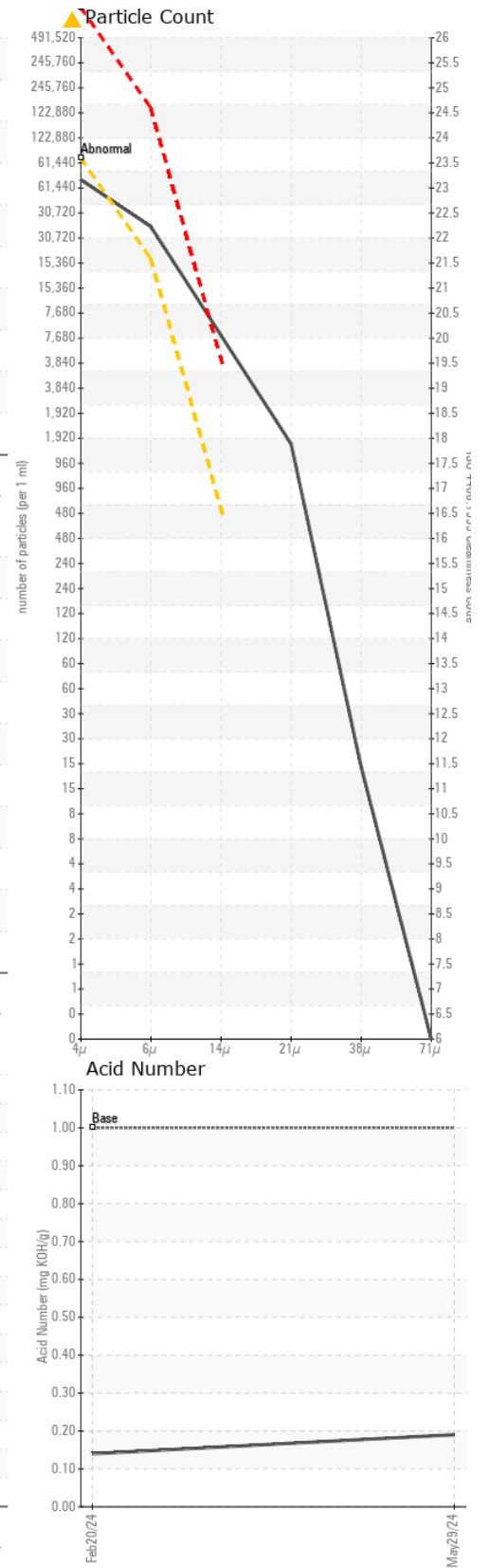
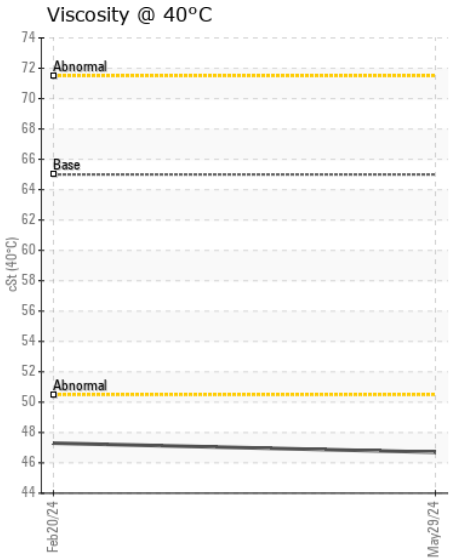
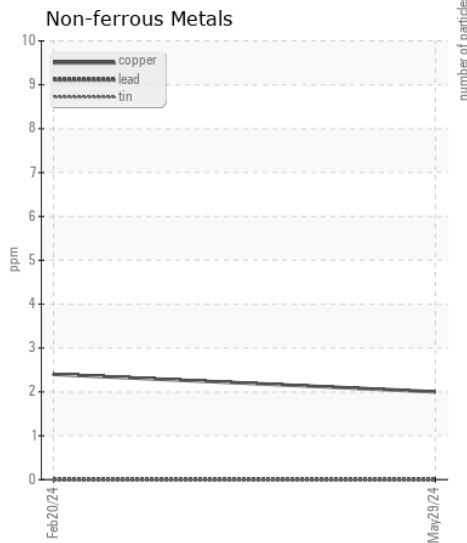
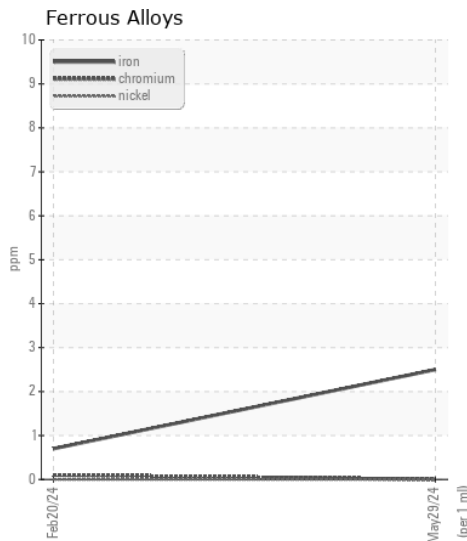
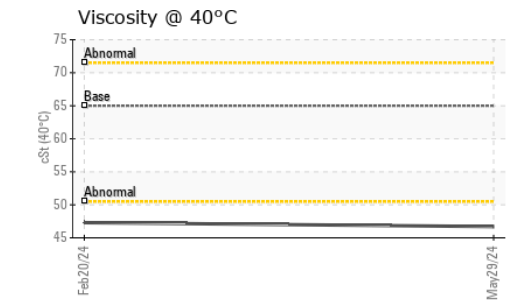
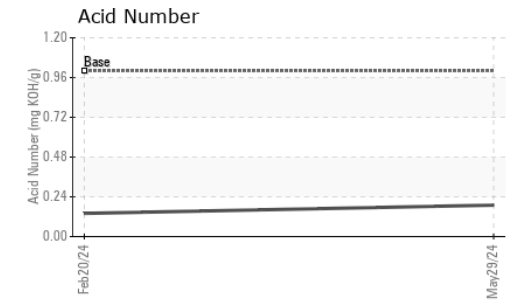
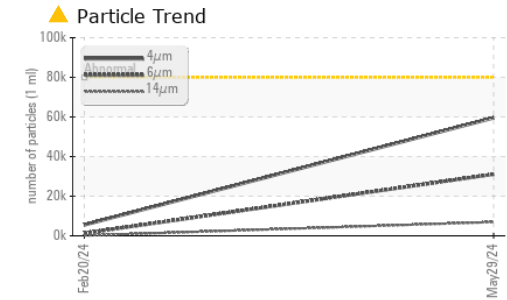
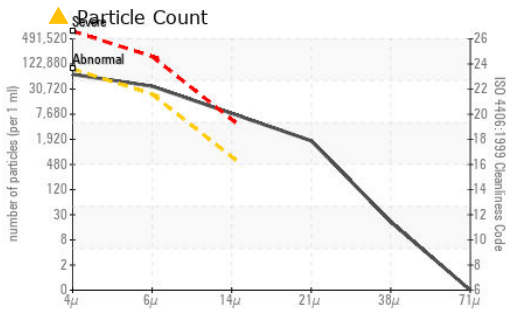
PQ		ASTM D8184	>50	19	13	---
Iron	ppm	ASTM D5185m	>32	2	<1	---
Chromium	ppm	ASTM D5185m	>9	0	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>9	0	0	---
Lead	ppm	ASTM D5185m	>28	0	0	---
Copper	ppm	ASTM D5185m	>50	2	2	---
Tin	ppm	ASTM D5185m	>5	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

Silicon	ppm	ASTM D5185m	>11	3	2	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water		WC Method	>0.075	NEG	NEG	---
Particles >4µm		ASTM D7647	>80000	59558	5509	---
Particles >6µm		ASTM D7647	>20000	▲ 31106	1266	---
Particles >14µm		ASTM D7647	>640	▲ 6948	127	---
Particles >21µm		ASTM D7647	>160	▲ 1554	35	---
Particles >38µm		ASTM D7647	>40	18	1	---
Particles >71µm		ASTM D7647	>10	0	0	---
Oil Cleanliness		ISO 4406 (c)	>23/21/16	▲ 23/22/20	20/17/14	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m	>21	1	<1	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	<1	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m		<1	0	---
Calcium	ppm	ASTM D5185m	87	12	9	---
Phosphorus	ppm	ASTM D5185m	727	509	499	---
Zinc	ppm	ASTM D5185m	900	41	28	---
Sulfur	ppm	ASTM D5185m	1500	500	439	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.19	0.14	---
Visc @ 40°C	cSt	ASTM D445	65	46.7	47.3	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0217898 **Received** : 31 May 2024
Lab Number : 06196588 **Tested** : 03 Jun 2024
Unique Number : 11058711 **Diagnosed** : 03 Jun 2024 - Don Baldrige
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)