



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAJPF000941

Component
Pump Drive

Fluid
{not provided} (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0209450	JR0197326	---
Sample Date		Client Info		23 Apr 2024	05 Jan 2024	---
Machine Age	hrs	Client Info		975	537	---
Oil Age	hrs	Client Info		975	537	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		21	33	---
Iron	ppm	ASTM D5185m	>151	46	12	---
Chromium	ppm	ASTM D5185m	>11	<1	0	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	1	1	---
Lead	ppm	ASTM D5185m	>51	0	0	---
Copper	ppm	ASTM D5185m	>51	0	0	---
Tin	ppm	ASTM D5185m	>4	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

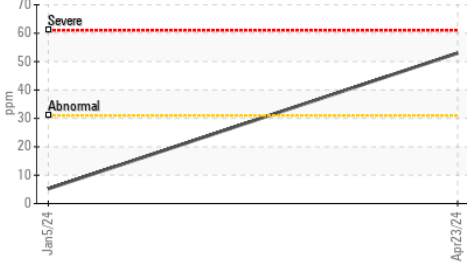
Silicon	ppm	ASTM D5185m	>31	▲ 53	5	---
Potassium	ppm	ASTM D5185m	>20	0	2	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

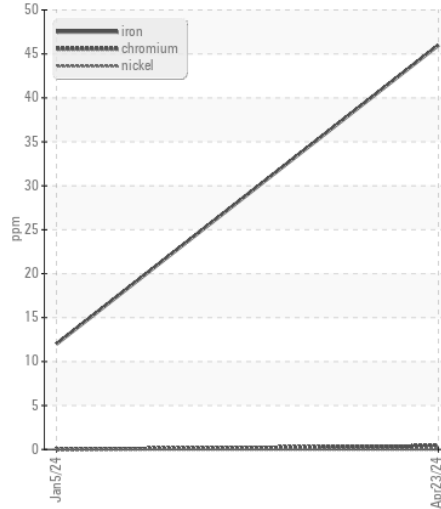
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	2	<1	---
Boron	ppm	ASTM D5185m		65	271	---
Barium	ppm	ASTM D5185m		6	0	---
Molybdenum	ppm	ASTM D5185m		109	242	---
Manganese	ppm	ASTM D5185m		3	0	---
Magnesium	ppm	ASTM D5185m		15	827	---
Calcium	ppm	ASTM D5185m		4288	1403	---
Phosphorus	ppm	ASTM D5185m		1248	951	---
Zinc	ppm	ASTM D5185m		1392	1088	---
Sulfur	ppm	ASTM D5185m		9022	3856	---
Visc @ 40°C	cSt	ASTM D445		63.5	118	---

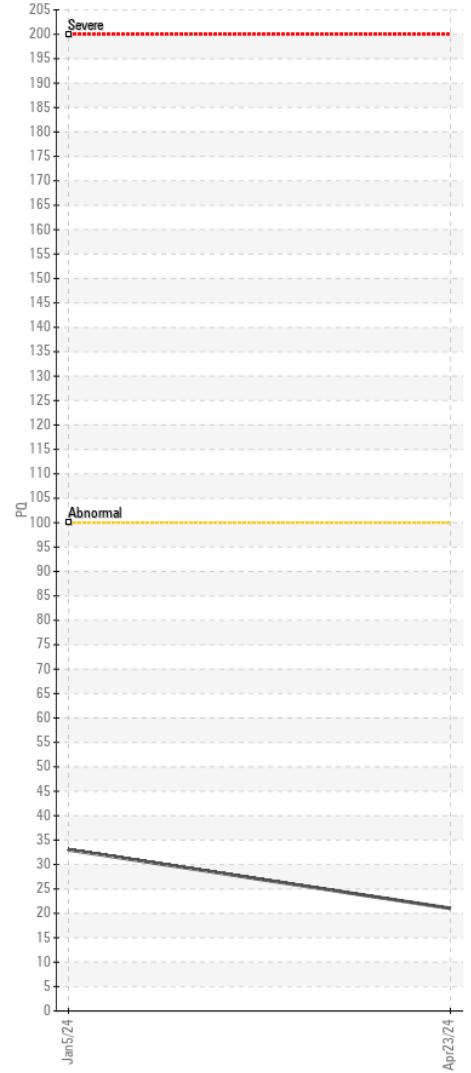
▲ Silicon (ppm)



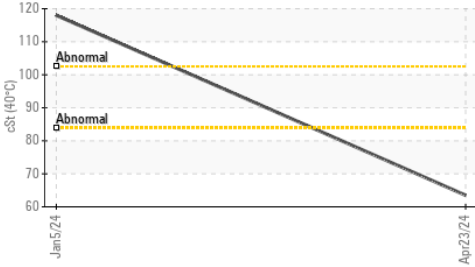
Ferrous Alloys



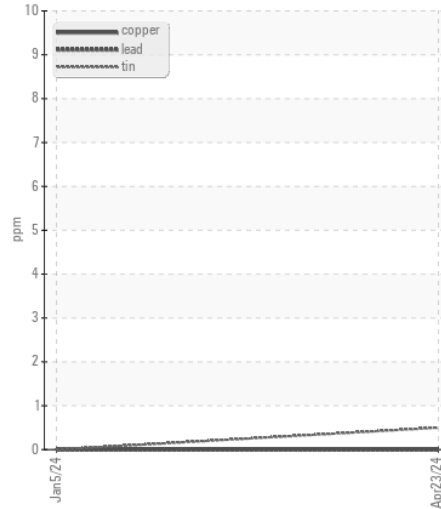
PQ



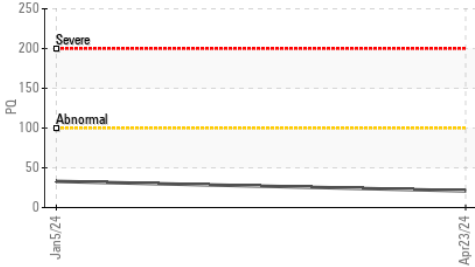
Viscosity @ 40°C



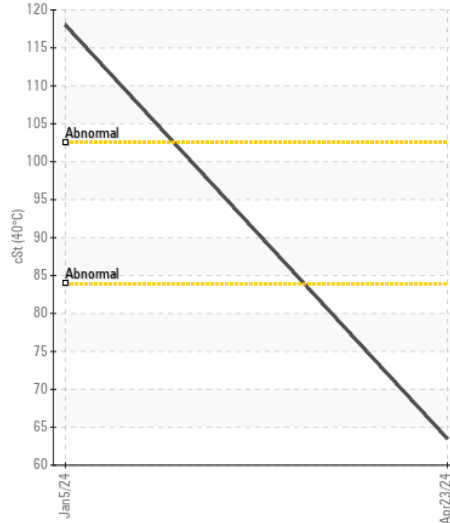
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

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

Sample No. : JR0209450

Lab Number : 06160627

Unique Number : 10996050

Test Package : CONST (Additional Tests: PQ)

Received : 25 Apr 2024

Tested : 26 Apr 2024

Diagnosed : 26 Apr 2024 - Sean Felton

JRE - GARNER

4161 AUBURN CHURCH RD

GARNER, NC

US 27529

Contact: RENN MASHBURN

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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)