James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210P 1FF210PAVPF000576
Component
Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (10 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

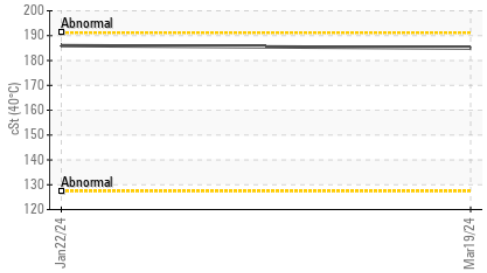
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0201277	JR0200964	---
Sample Date		Client Info		19 Mar 2024	22 Jan 2024	---
Machine Age	hrs	Client Info		1067	532	---
Oil Age	hrs	Client Info		1067	532	---
Filter Age	hrs	Client Info		0	532	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	None	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184	>1250	128	165	---
Iron	ppm	ASTM D5185m	>750	131	111	---
Chromium	ppm	ASTM D5185m	>9	3	2	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	3	---
Lead	ppm	ASTM D5185m	>15	<1	<1	---
Copper	ppm	ASTM D5185m	>40	1	1	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	17	14	---
Potassium	ppm	ASTM D5185m	>20	2	3	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	---
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	---
Sodium	ppm	ASTM D5185m	>51	<1	0	---
Boron	ppm	ASTM D5185m		67	73	---
Barium	ppm	ASTM D5185m		4	1	---
Molybdenum	ppm	ASTM D5185m		3	<1	---
Manganese	ppm	ASTM D5185m		4	3	---
Magnesium	ppm	ASTM D5185m		1	0	---
Calcium	ppm	ASTM D5185m		84	17	---
Phosphorus	ppm	ASTM D5185m		459	516	---
Zinc	ppm	ASTM D5185m		37	7	---
Sulfur	ppm	ASTM D5185m		15619	18375	---
Visc @ 40°C	cSt	ASTM D445		185	186	---

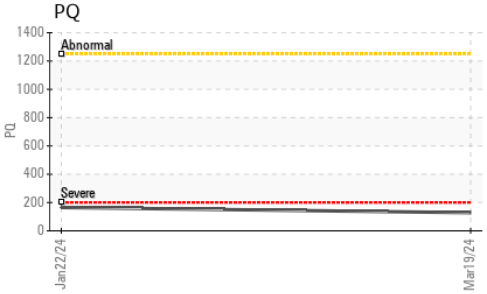
Report Id: RWMNEW [WUSCAR] 06123933 (Generated: 03/21/2024 12:31:32) Rev: 1

Submitted By: Dylan Sanderson

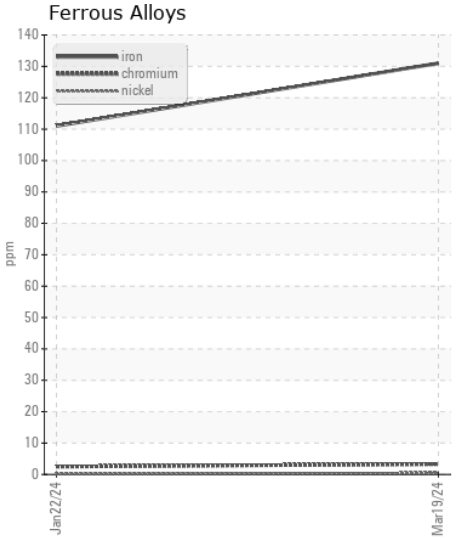
Viscosity @ 40°C



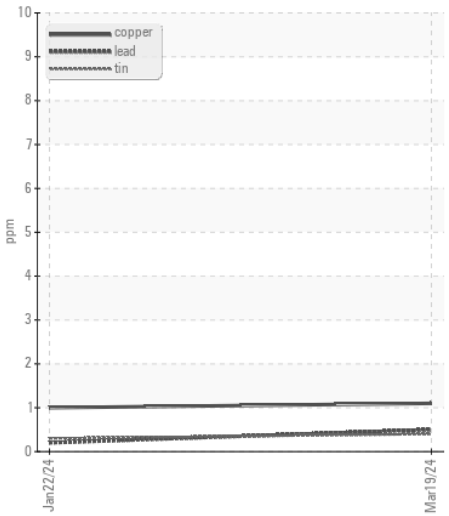
PQ



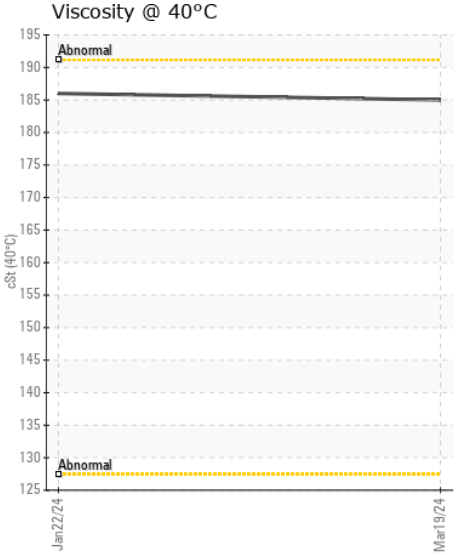
Ferrous Alloys



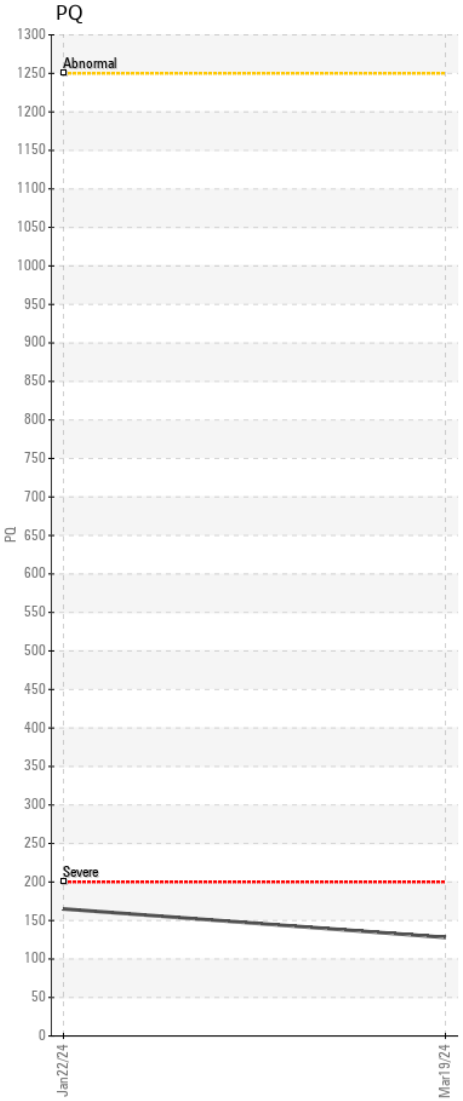
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0201277
Lab Number : 06123933
Unique Number : 10938084
Test Package : CONST (Additional Tests: PQ)

Received : 20 Mar 2024
Tested : 21 Mar 2024
Diagnosed : 21 Mar 2024 - Wes Davis

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)

JRE - NEW BERN
3816 MARTIN LUTHER KING BLVD
NEW BERN, NC
US 28562
Contact: NEW BERN SHOP
nick.etherdridge@jamesriverequipment.com;canastasio@wearcheckusa.com
T:
F: