James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210P 1FF210PAVPF000576
Component
Pump Drive
Fluid
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (2 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

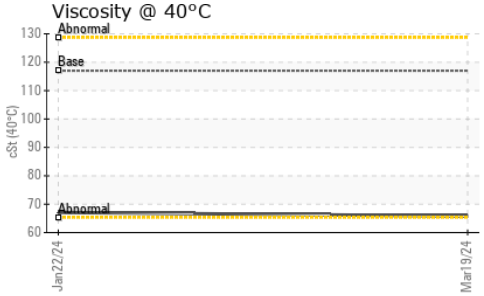
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0201273	JR0200963	---
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		16	11	---
Iron	ppm	ASTM D5185m	>151	37	31	---
Chromium	ppm	ASTM D5185m	>11	0	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	<1	3	---
Lead	ppm	ASTM D5185m	>51	<1	<1	---
Copper	ppm	ASTM D5185m	>51	<1	2	---
Tin	ppm	ASTM D5185m	>4	0	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>31	11	11	---
Potassium	ppm	ASTM D5185m	>20	0	3	---
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	---
Sodium	ppm	ASTM D5185m	>51	4	0	---
Boron	ppm	ASTM D5185m		54	61	---
Barium	ppm	ASTM D5185m		5	2	---
Molybdenum	ppm	ASTM D5185m		97	106	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m		11	10	---
Calcium	ppm	ASTM D5185m		3929	4245	---
Phosphorus	ppm	ASTM D5185m		1135	1211	---
Zinc	ppm	ASTM D5185m		1256	1379	---
Sulfur	ppm	ASTM D5185m		8801	10267	---
Visc @ 40°C	cSt	ASTM D445	117	65.8	67.1	---

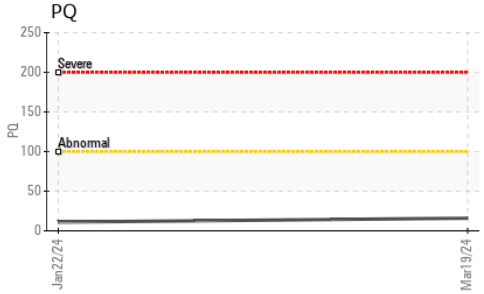
Report Id: RWMNEW [WUSCAR] 06123907 (Generated: 03/22/2024 19:40:38) Rev: 1

Submitted By: Dylan Sanderson

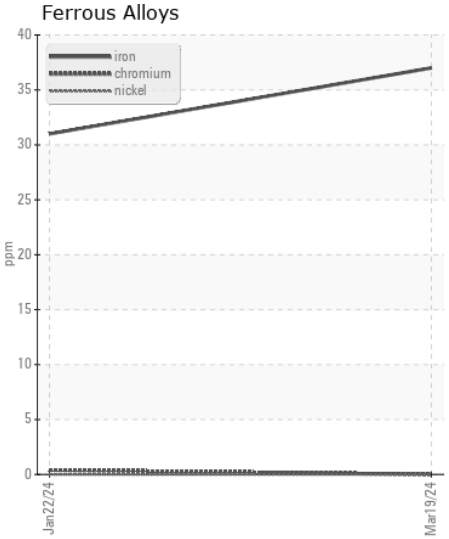
Viscosity @ 40°C



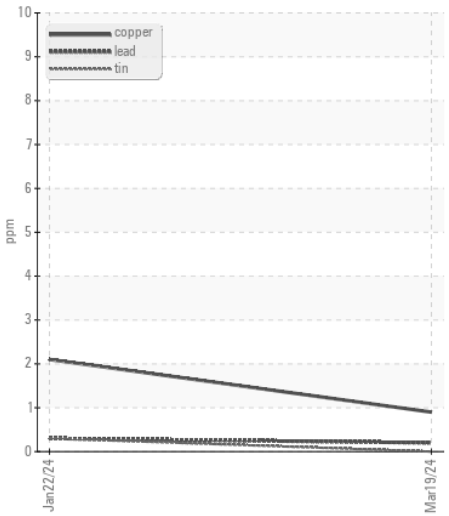
PQ



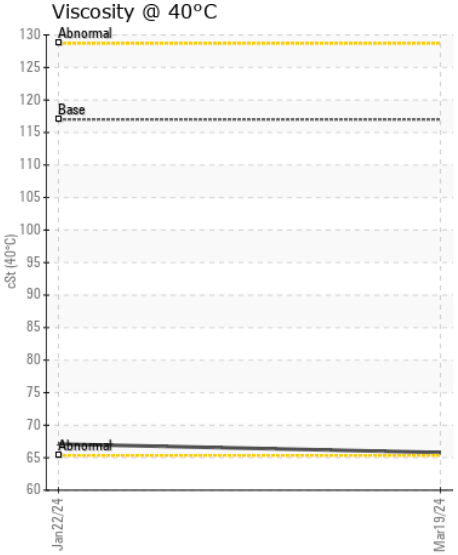
Ferrous Alloys



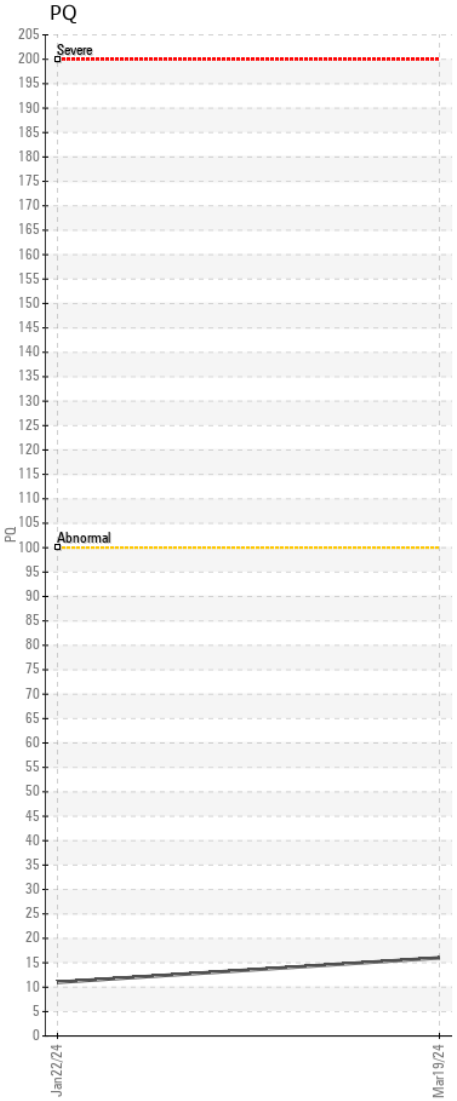
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0201273
Lab Number : 06123907
Unique Number : 10938058
Test Package : CONST (Additional Tests: PQ)

Received : 20 Mar 2024
Tested : 21 Mar 2024
Diagnosed : 22 Mar 2024 - Don Baldridge

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)

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