James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAENF000413
Component
Right Final Drive
Fluid
{not provided} (--- GAL)

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 fluid.

FLUID CONDITION

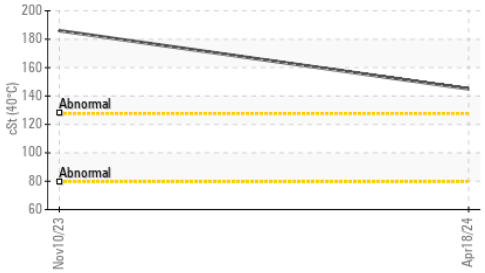
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213069	JR0190579	---
Sample Date		Client Info		18 Apr 2024	10 Nov 2023	---
Machine Age	hrs	Client Info		1457	560	---
Oil Age	hrs	Client Info		1457	560	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184	>1250	21	261	---
Iron	ppm	ASTM D5185m	>750	130	424	---
Chromium	ppm	ASTM D5185m	>9	1	6	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	0	2	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	0	<1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	6	24	---
Potassium	ppm	ASTM D5185m	>20	0	<1	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	LIGHT	---
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	---
Sodium	ppm	ASTM D5185m	>51	<1	1	---
Boron	ppm	ASTM D5185m		8	81	---
Barium	ppm	ASTM D5185m		0	2	---
Molybdenum	ppm	ASTM D5185m		5	0	---
Manganese	ppm	ASTM D5185m		2	8	---
Magnesium	ppm	ASTM D5185m		21	<1	---
Calcium	ppm	ASTM D5185m		28	21	---
Phosphorus	ppm	ASTM D5185m		316	537	---
Zinc	ppm	ASTM D5185m		11	17	---
Sulfur	ppm	ASTM D5185m		19502	15777	---
Visc @ 40°C	cSt	ASTM D445		145	186	---

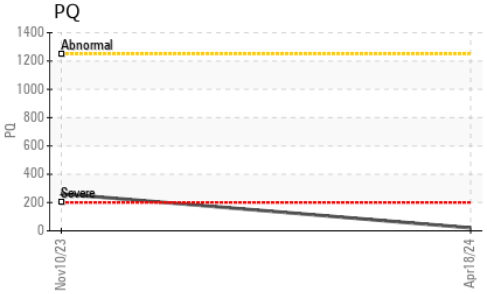
Report Id: RWMGAR [WUSCAR] 06154708 (Generated: 04/23/2024 17:59:32) Rev: 1

Submitted By: RENN MASHBURN

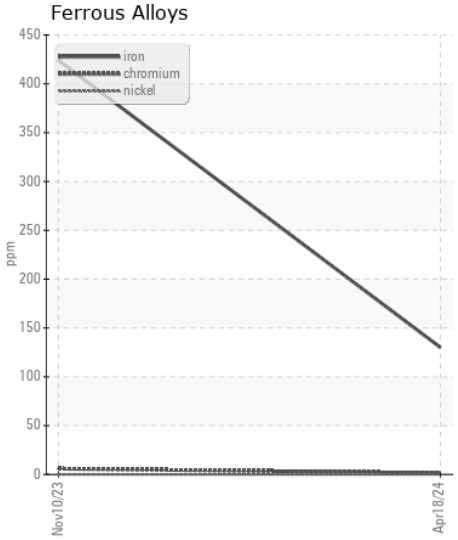
Viscosity @ 40°C



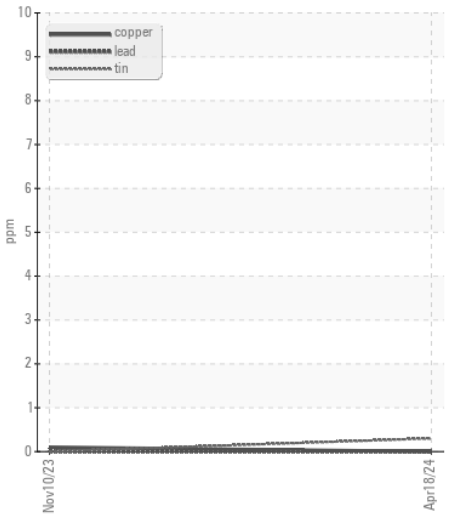
PQ



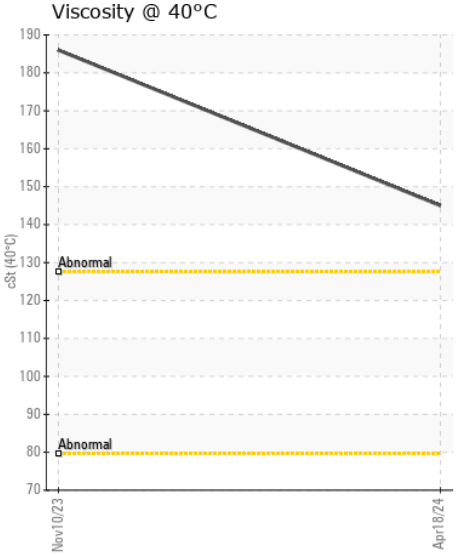
Ferrous Alloys



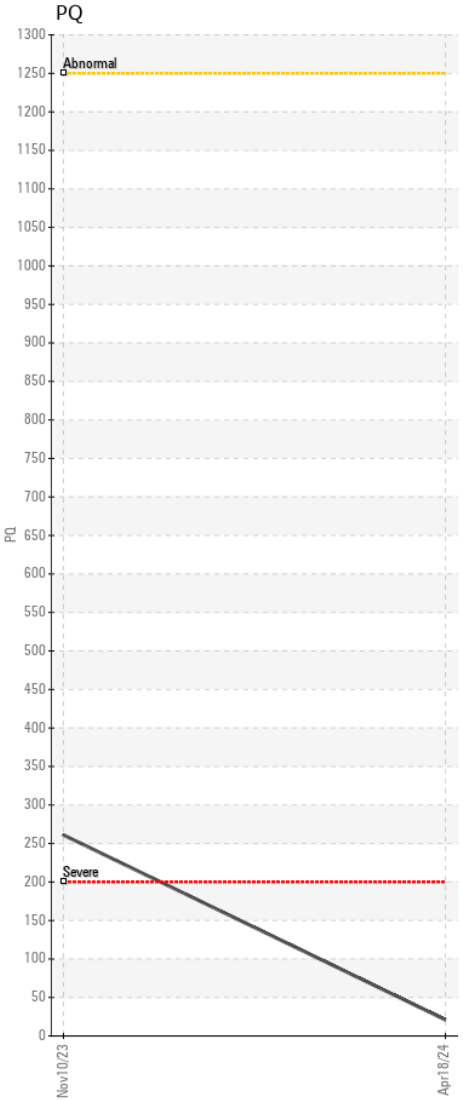
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213069
Lab Number : 06154708
Unique Number : 10990131
Test Package : CONST (Additional Tests: PQ)

Received : 19 Apr 2024
Tested : 22 Apr 2024
Diagnosed : 23 Apr 2024 - Sean Felton

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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