James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210P 1FF210PACPF001127
Component
Right Track Drive
Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

Metal levels are typical for a new component breaking in.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

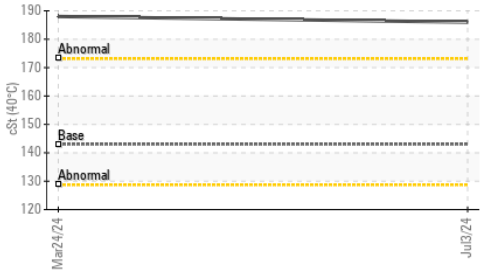
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225991	JR0208753	---
Sample Date		Client Info		03 Jul 2024	24 Mar 2024	---
Machine Age	hrs	Client Info		965	489	---
Oil Age	hrs	Client Info		965	489	---
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		203	234	---
Iron	ppm	ASTM D5185m	>1000	561	332	---
Chromium	ppm	ASTM D5185m	>30	8	5	---
Nickel	ppm	ASTM D5185m	>7	2	<1	---
Titanium	ppm	ASTM D5185m		3	1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	17	8	---
Lead	ppm	ASTM D5185m	>50	0	0	---
Copper	ppm	ASTM D5185m	>100	2	2	---
Tin	ppm	ASTM D5185m	>5	0	<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	>150	125	71	---
Potassium	ppm	ASTM D5185m	>20	6	4	---
Water		WC Method	>0.2	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	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m	>170	3	2	---
Boron	ppm	ASTM D5185m	400	55	68	---
Barium	ppm	ASTM D5185m	200	10	9	---
Molybdenum	ppm	ASTM D5185m	12	<1	0	---
Manganese	ppm	ASTM D5185m		9	7	---
Magnesium	ppm	ASTM D5185m	12	<1	<1	---
Calcium	ppm	ASTM D5185m	150	40	13	---
Phosphorus	ppm	ASTM D5185m	1650	535	529	---
Zinc	ppm	ASTM D5185m	125	36	16	---
Sulfur	ppm	ASTM D5185m	22500	16212	17273	---
Visc @ 40°C	cSt	ASTM D445	143	186	188	---

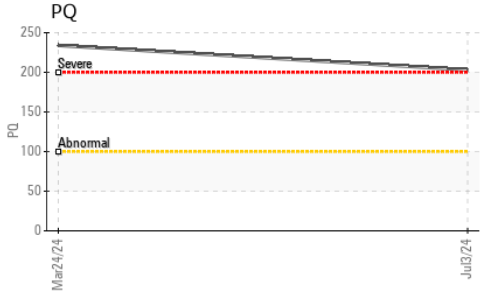
Report Id: RWMGRE [WUSCAR] 06228914 (Generated: 07/09/2024 08:34:23) Rev: 1

Submitted By: Jeffrey Moore

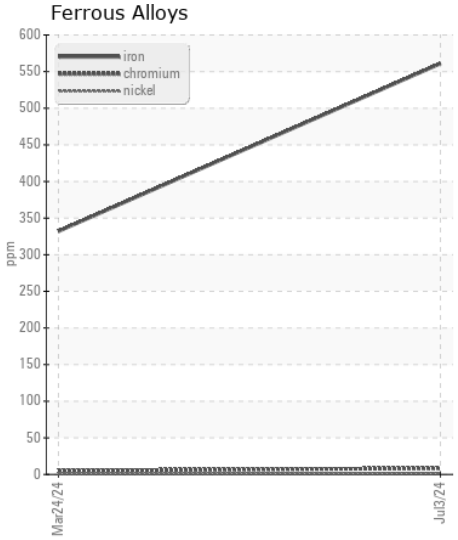
Viscosity @ 40°C



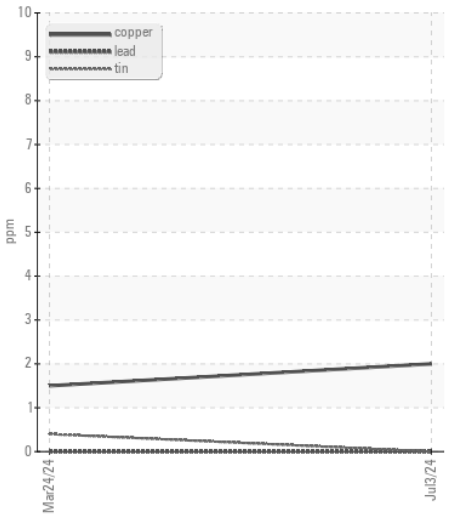
PQ



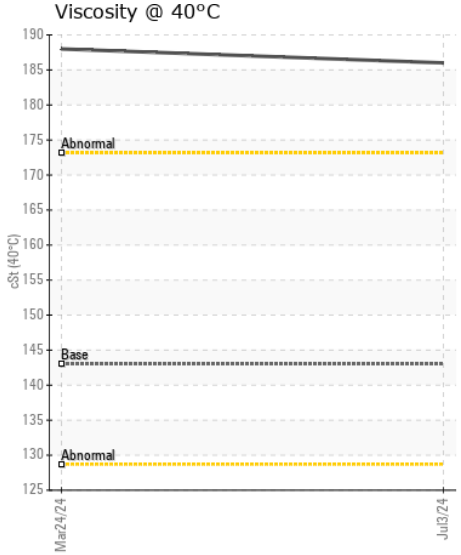
Ferrous Alloys



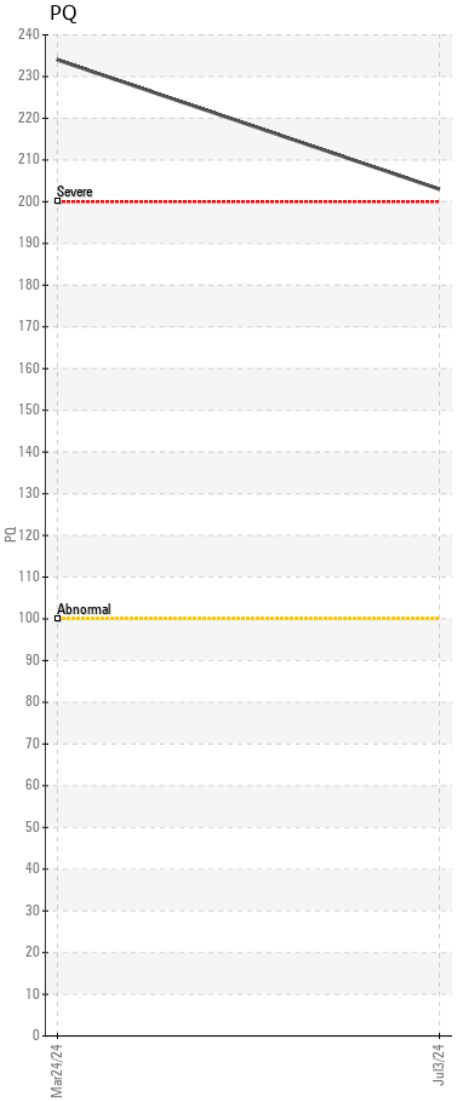
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225991
Lab Number : 06228914
Unique Number : 11112407
Test Package : CONST (Additional Tests: PQ)

Received : 05 Jul 2024
Tested : 08 Jul 2024
Diagnosed : 08 Jul 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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