CONST

James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210G 1FF210GXANF530128
Component
Right Final Drive
Fluid
GEAR OIL SAE 90W140 (--- 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 oil.

FLUID CONDITION

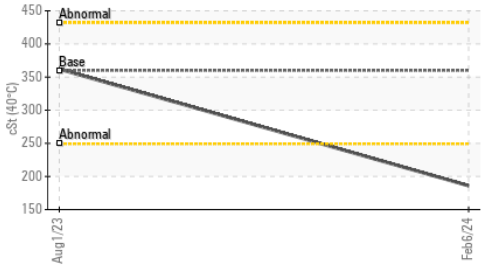
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0203549	JR0178012	---
Sample Date		Client Info		06 Feb 2024	01 Aug 2023	---
Machine Age	hrs	Client Info		997	465	---
Oil Age	hrs	Client Info		997	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184	>1250	250	16	---
Iron	ppm	ASTM D5185m	>750	264	0	---
Chromium	ppm	ASTM D5185m	>9	4	0	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	1	0	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	1	<1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	22	<1	---
Potassium	ppm	ASTM D5185m	>20	2	<1	---
Water		WC Method	>0.075	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	>0.075	NEG	NEG	---
Sodium	ppm	ASTM D5185m	>51	0	4	---
Boron	ppm	ASTM D5185m	400	61	2	---
Barium	ppm	ASTM D5185m	200	17	0	---
Molybdenum	ppm	ASTM D5185m	12	0	0	---
Manganese	ppm	ASTM D5185m		4	0	---
Magnesium	ppm	ASTM D5185m	12	1	3	---
Calcium	ppm	ASTM D5185m	150	12	4	---
Phosphorus	ppm	ASTM D5185m	1650	536	2427	---
Zinc	ppm	ASTM D5185m	125	37	7	---
Sulfur	ppm	ASTM D5185m	22500	16889	25056	---
Visc @ 40°C	cSt	ASTM D445	360	186	362	---

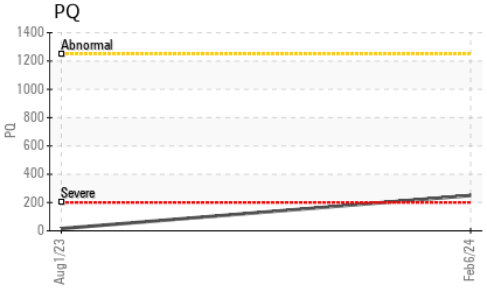
Report Id: JAMCHA [WUSCAR] 06087707 (Generated: 02/22/2024 17:19:22) Rev: 1

Submitted By: Ray Benson

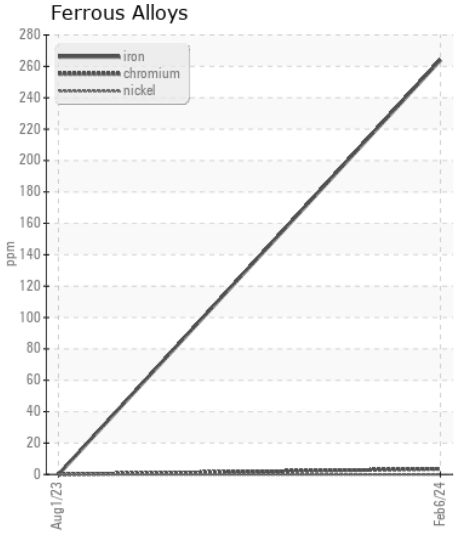
Viscosity @ 40°C



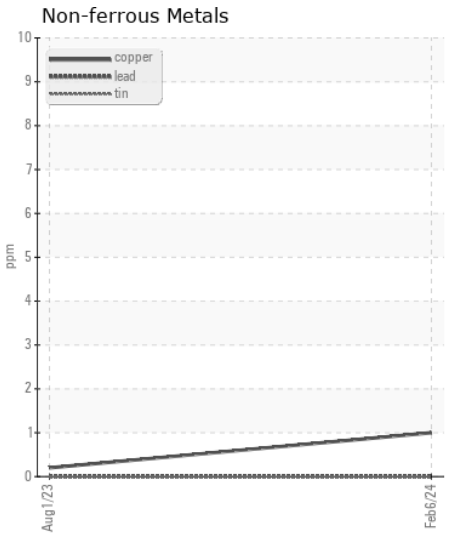
PQ



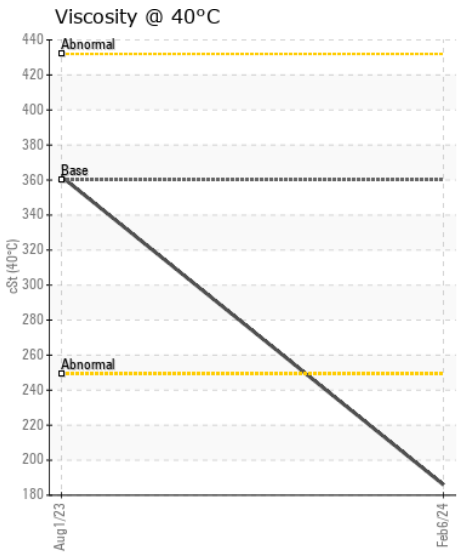
Ferrous Alloys



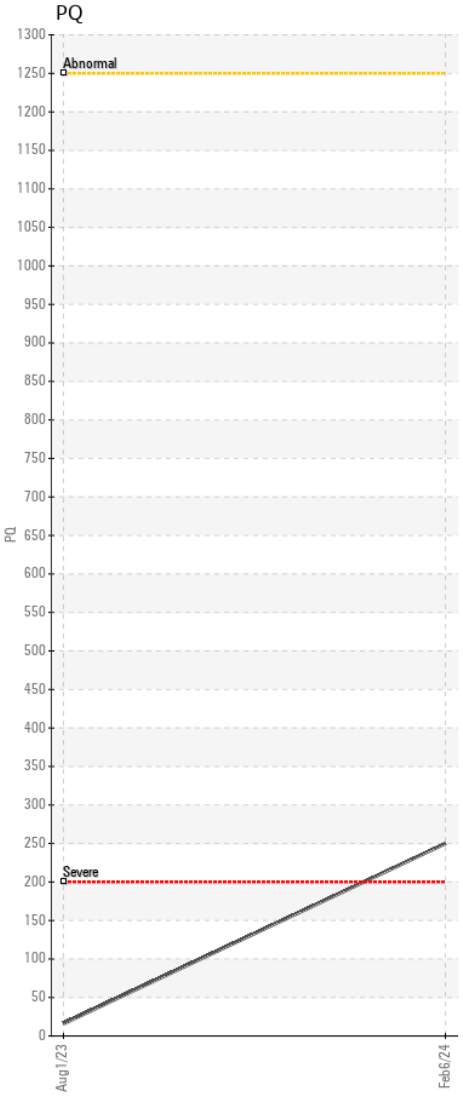
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0203549
Lab Number : 06087707
Unique Number : 10875152
Test Package : CONST (Additional Tests: PQ)

Received : 13 Feb 2024
Tested : 14 Feb 2024
Diagnosed : 15 Feb 2024 - Jonathan Hester

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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