CONST

James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[05W45935]
Machine Id
JOHN DEERE 350GLC 1FF350GXALF814428
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

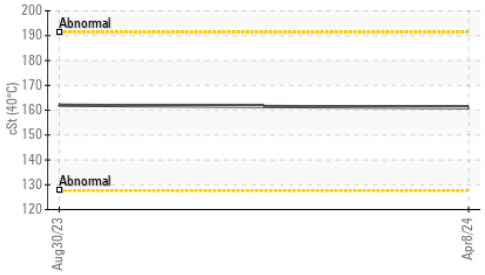
There is no indication of any contamination in the oil.

FLUID CONDITION

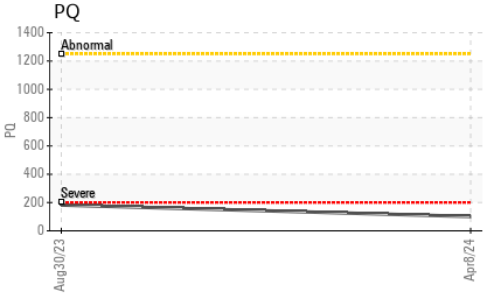
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0211002	JR0125954	---
Sample Date		Client Info		08 Apr 2024	30 Aug 2023	---
Machine Age	hrs	Client Info		4474	3876	---
Oil Age	hrs	Client Info		598	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		Not Changd	N/A	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184	>1250	101	182	---
Iron	ppm	ASTM D5185m	>750	115	236	---
Chromium	ppm	ASTM D5185m	>9	3	4	---
Nickel	ppm	ASTM D5185m	>10	1	0	---
Titanium	ppm	ASTM D5185m		1	1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	1	---
Lead	ppm	ASTM D5185m	>15	1	0	---
Copper	ppm	ASTM D5185m	>40	2	<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	14	16	---
Potassium	ppm	ASTM D5185m	>20	1	<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	<1	0	---
Boron	ppm	ASTM D5185m		18	70	---
Barium	ppm	ASTM D5185m		52	3	---
Molybdenum	ppm	ASTM D5185m		2	3	---
Manganese	ppm	ASTM D5185m		3	4	---
Magnesium	ppm	ASTM D5185m		9	34	---
Calcium	ppm	ASTM D5185m		240	928	---
Phosphorus	ppm	ASTM D5185m		798	739	---
Zinc	ppm	ASTM D5185m		94	443	---
Sulfur	ppm	ASTM D5185m		23860	20717	---
Visc @ 40°C	cSt	ASTM D445		161	162	---

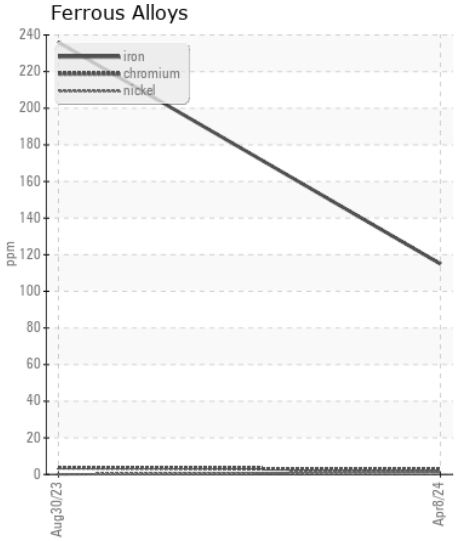
Viscosity @ 40°C



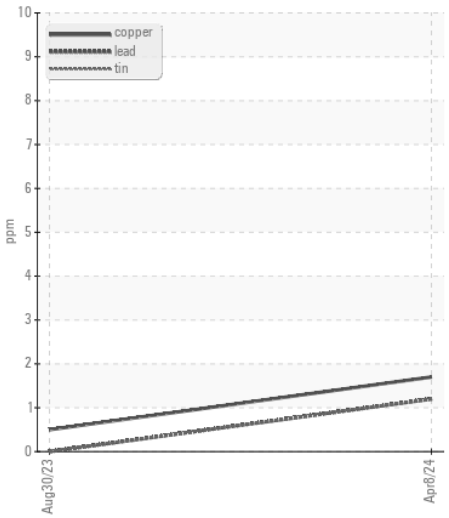
PQ



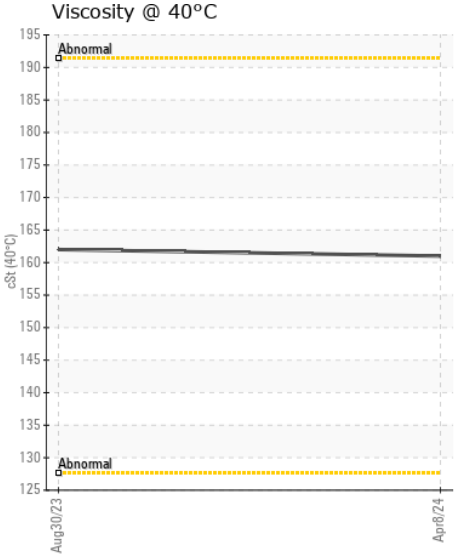
Ferrous Alloys



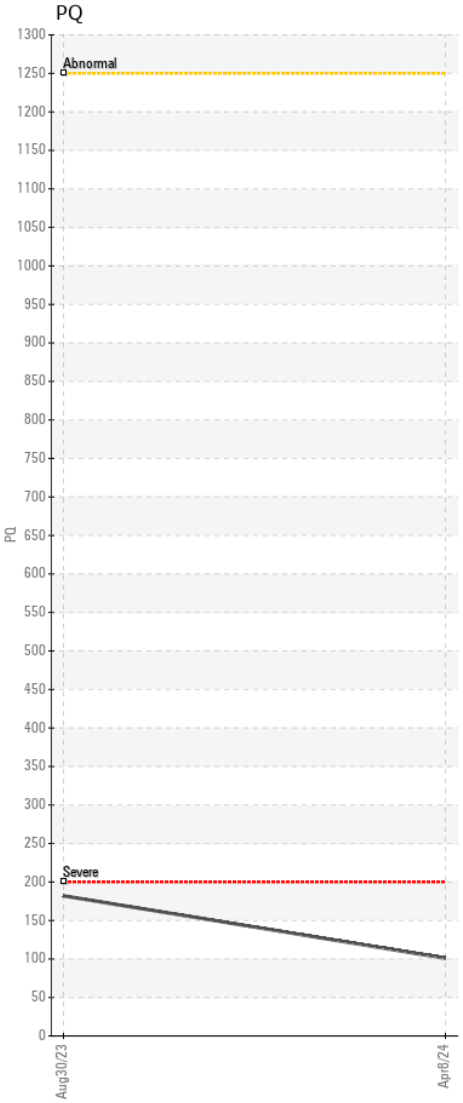
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0211002 **Received** : 11 Apr 2024
Lab Number : 06146123 **Tested** : 12 Apr 2024
Unique Number : 10976201 **Diagnosed** : 15 Apr 2024 - Don Baldridge
Test Package : CONST (Additional Tests: PQ)

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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