James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 250G 1FF250GXCLF611628
Component
Swing Drive
Fluid
JOHN DEERE GL-5 80W90 (8 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 sample.

FLUID CONDITION

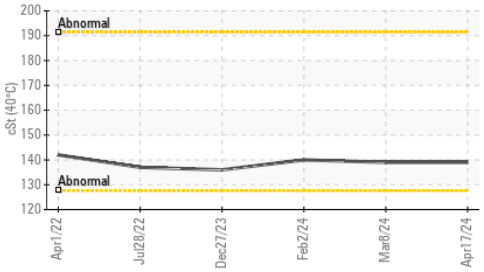
The condition of the sample is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0211052	JR0208114	JR0202914
Sample Date		Client Info		17 Apr 2024	08 Mar 2024	02 Feb 2024
Machine Age	hrs	Client Info		7808	7575	7314
Oil Age	hrs	Client Info		7293	7333	254
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		None	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184		31	39	30
Iron	ppm	ASTM D5185m	>151	149	97	62
Chromium	ppm	ASTM D5185m	>11	2	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	2	0	1
Lead	ppm	ASTM D5185m	>51	<1	0	<1
Copper	ppm	ASTM D5185m	>51	<1	0	<1
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>31	9	5	5
Potassium	ppm	ASTM D5185m	>20	4	0	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	0	<1	0
Boron	ppm	ASTM D5185m		1	<1	2
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		1	0	1
Manganese	ppm	ASTM D5185m		2	<1	<1
Magnesium	ppm	ASTM D5185m		4	<1	1
Calcium	ppm	ASTM D5185m		43	20	18
Phosphorus	ppm	ASTM D5185m		543	315	361
Zinc	ppm	ASTM D5185m		20	9	0
Sulfur	ppm	ASTM D5185m		33006	19703	20835
Visc @ 40°C	cSt	ASTM D445		139	139	140

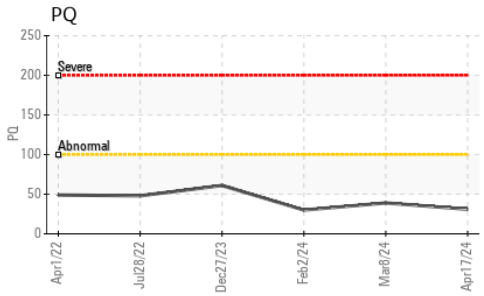
Report Id: JAMMAN [WUSCAR] 06153373 (Generated: 04/23/2024 15:50:33) Rev: 1

Submitted By: TECHNICIAN ACCOUNT

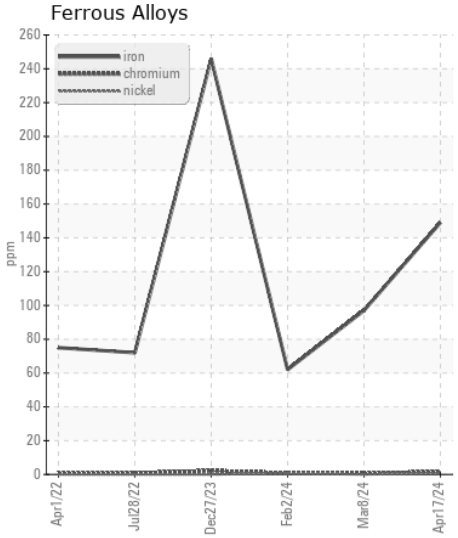
Viscosity @ 40°C



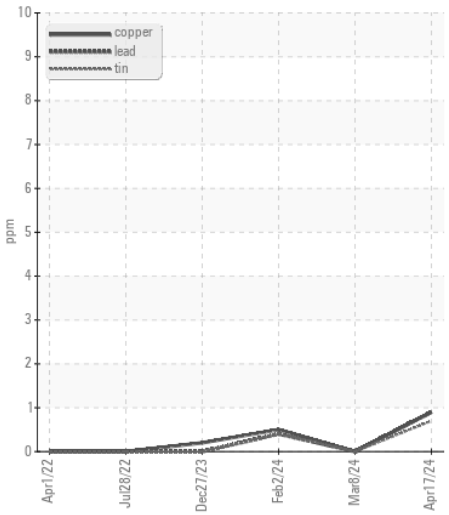
PQ



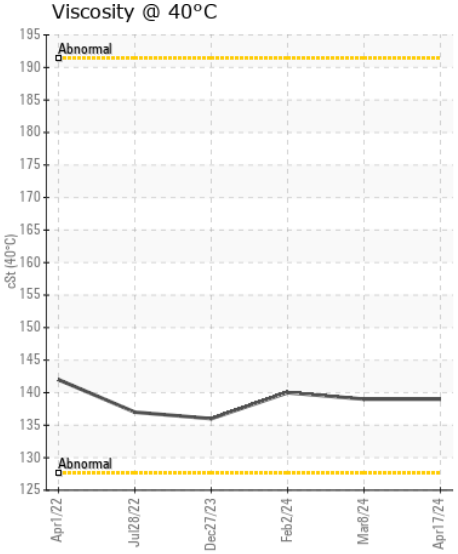
Ferrous Alloys



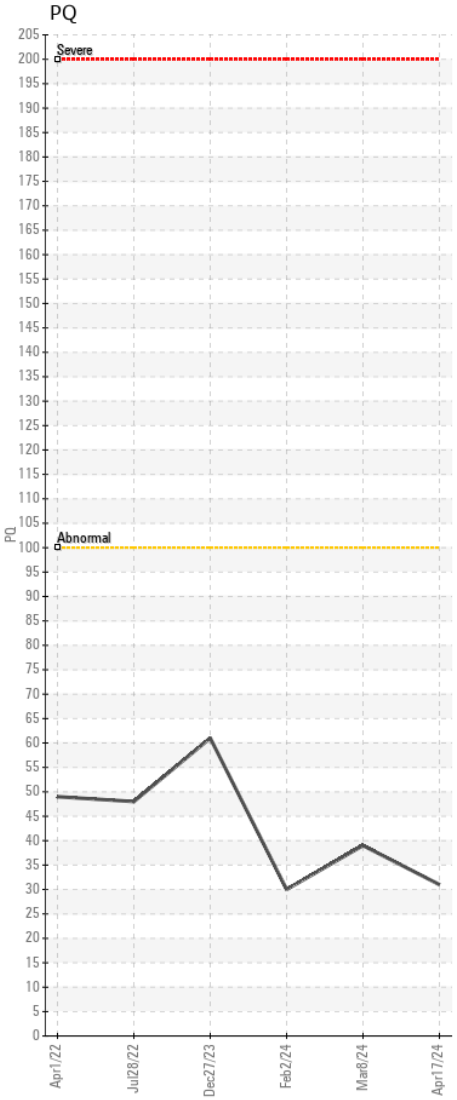
Non-ferrous Metals



Viscosity @ 40°C



PQ



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0211052
Lab Number : 06153373
Unique Number : 10983451
Test Package : CONST (Additional Tests: PQ)

Received : 18 Apr 2024
Tested : 19 Apr 2024
Diagnosed : 22 Apr 2024 - Sean Felton

Certificate L2367

JRE - MANASSAS PARK
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US 20111
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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)