James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 250G 1FF250GXCLF611628
Component
Right Final 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 oil.

FLUID CONDITION

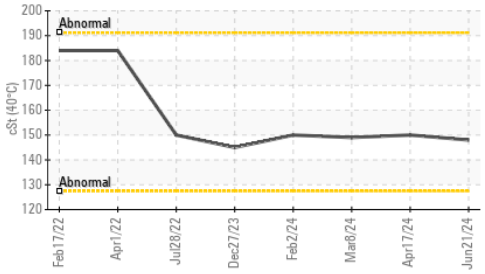
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**JR0218597**	JR0208237	JR0208112
Sample Date		Client Info		**21 Jun 2024**	17 Apr 2024	08 Mar 2024
Machine Age	hrs	Client Info		**8093**	7808	7575
Oil Age	hrs	Client Info		**8093**	7808	7575
Filter Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**Changed**	Not Changd	Not Changd
Filter Changed		Client Info		**None**	None	None
Sample Status				**NORMAL**	NORMAL	NORMAL
PQ		ASTM D8184	>1250	**74**	102	110
Iron	ppm	ASTM D5185m	>750	**155**	158	152
Chromium	ppm	ASTM D5185m	>9	**4**	4	3
Nickel	ppm	ASTM D5185m	>10	**<1**	1	0
Titanium	ppm	ASTM D5185m		**<1**	1	<1
Silver	ppm	ASTM D5185m		**<1**	0	0
Aluminum	ppm	ASTM D5185m	>40	**2**	2	<1
Lead	ppm	ASTM D5185m	>15	**<1**	1	0
Copper	ppm	ASTM D5185m	>40	**4**	1	<1
Tin	ppm	ASTM D5185m	>10	**<1**	<1	0
Vanadium	ppm	ASTM D5185m		**<1**	<1	<1
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	**21**	24	20
Potassium	ppm	ASTM D5185m	>20	**1**	2	0
Water		WC Method	>0.075	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	LIGHT	LIGHT
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	>0.075	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	**3**	<1	2
Boron	ppm	ASTM D5185m		**21**	19	16
Barium	ppm	ASTM D5185m		**0**	4	3
Molybdenum	ppm	ASTM D5185m		**<1**	2	0
Manganese	ppm	ASTM D5185m		**5**	5	4
Magnesium	ppm	ASTM D5185m		**4**	6	0
Calcium	ppm	ASTM D5185m		**94**	152	19
Phosphorus	ppm	ASTM D5185m		**1753**	1881	1598
Zinc	ppm	ASTM D5185m		**54**	62	20
Sulfur	ppm	ASTM D5185m		**23033**	29419	25700
Visc @ 40°C	cSt	ASTM D445		**148**	150	149

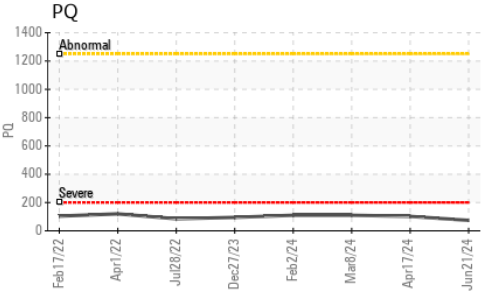
Report Id: JAMMAN [WUSCAR] 06220035 (Generated: 06/30/2024 16:09:01) Rev: 1

Submitted By: TECHNICIAN ACCOUNT

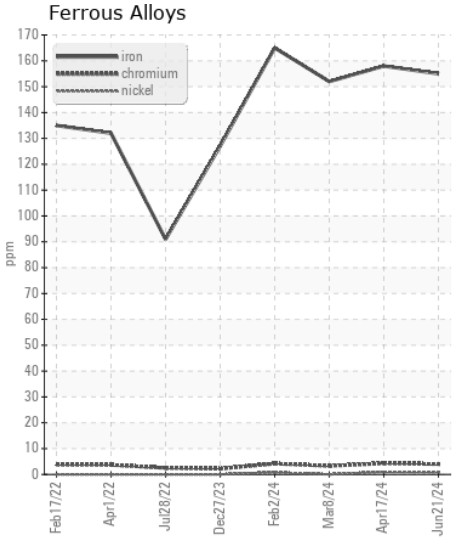
Viscosity @ 40°C



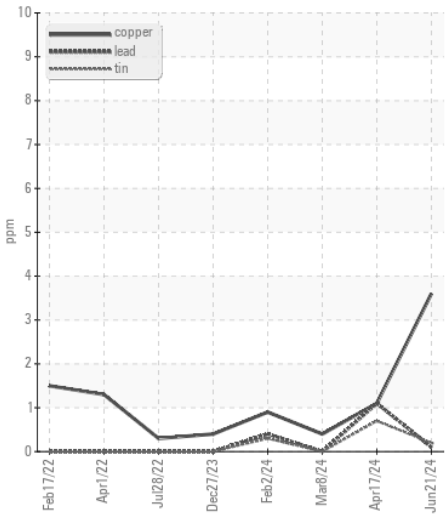
PQ



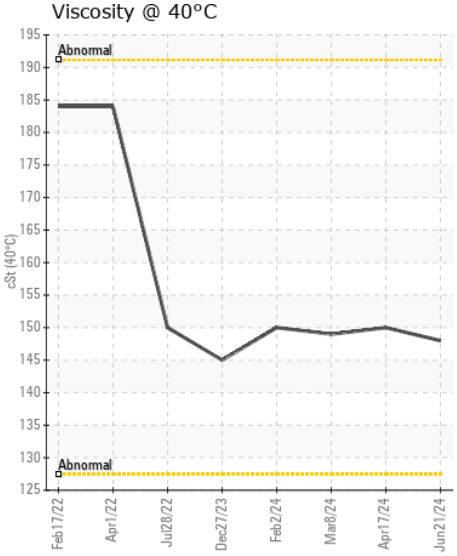
Ferrous Alloys



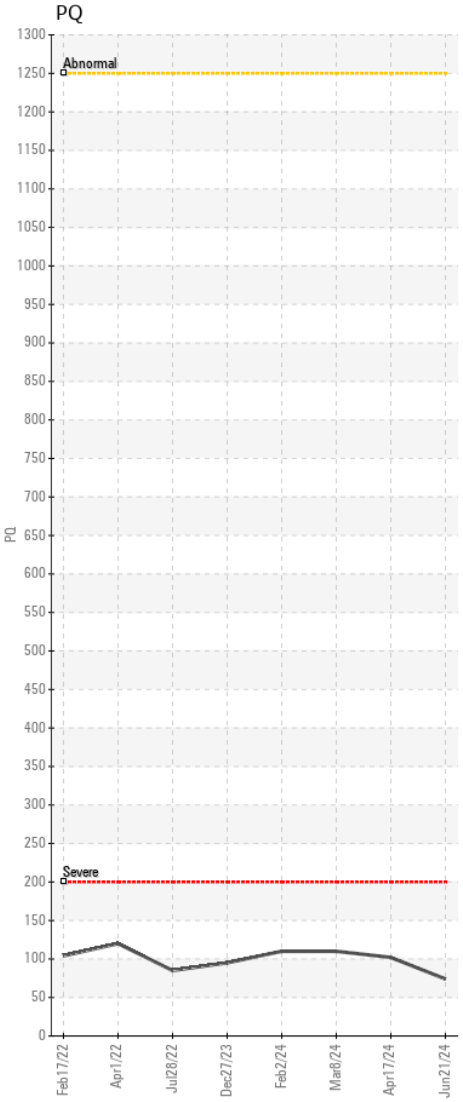
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218597
Lab Number : 06220035
Unique Number : 11098232
Test Package : CONST (Additional Tests: PQ)

Received : 25 Jun 2024
Tested : 26 Jun 2024
Diagnosed : 26 Jun 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)

JRE - MANASSAS PARK
9107 OWENS DRIVE
MANASSAS PARK, VA
US 20111
Contact: DON VEST
dvest@jamesriverequipment.com
T: (703)631-8500
F: (703)631-4715