James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 190G 1FF190GWVLF052087
Component
Rear Left Final Drive
Fluid
JOHN DEERE GL-5 80W90 (--- 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

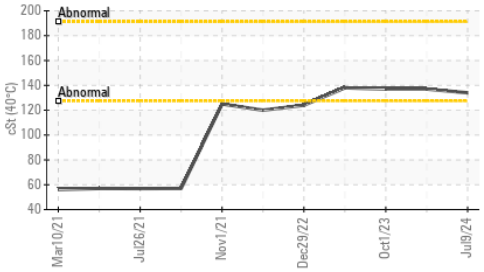
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**JR0218514**	JR0199250	JR0187805
Sample Date		Client Info		**09 Jul 2024**	04 Jan 2024	01 Oct 2023
Machine Age	hrs	Client Info		**6922**	6587	6091
Oil Age	hrs	Client Info		**6426**	496	0
Filter Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**Not Changd**	Not Changd	Changed
Filter Changed		Client Info		**None**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	NORMAL
PQ		ASTM D8184	>1250	**15**	19	18
Iron	ppm	ASTM D5185m	>750	**9**	6	13
Chromium	ppm	ASTM D5185m	>9	**<1**	0	0
Nickel	ppm	ASTM D5185m	>10	**0**	0	0
Titanium	ppm	ASTM D5185m		**<1**	0	0
Silver	ppm	ASTM D5185m		**<1**	0	<1
Aluminum	ppm	ASTM D5185m	>40	**2**	0	<1
Lead	ppm	ASTM D5185m	>15	**0**	0	0
Copper	ppm	ASTM D5185m	>40	**2**	<1	2
Tin	ppm	ASTM D5185m	>10	**<1**	<1	0
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	>75	**2**	1	2
Potassium	ppm	ASTM D5185m	>20	**1**	0	<1
Water		WC Method	>0.075	**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	>0.075	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	**0**	1	0
Boron	ppm	ASTM D5185m		**94**	85	119
Barium	ppm	ASTM D5185m		**2**	2	0
Molybdenum	ppm	ASTM D5185m		**<1**	0	<1
Manganese	ppm	ASTM D5185m		**<1**	<1	<1
Magnesium	ppm	ASTM D5185m		**6**	0	0
Calcium	ppm	ASTM D5185m		**146**	63	61
Phosphorus	ppm	ASTM D5185m		**614**	707	701
Zinc	ppm	ASTM D5185m		**52**	19	31
Sulfur	ppm	ASTM D5185m		**15129**	17880	19930
Visc @ 40°C	cSt	ASTM D445		**134**	137	137

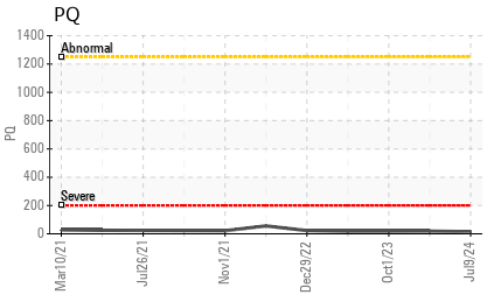
Report Id: JAMMAN [WUSCAR] 06233501 (Generated: 07/12/2024 15:11:11) Rev: 1

Submitted By: TECHNICIAN ACCOUNT

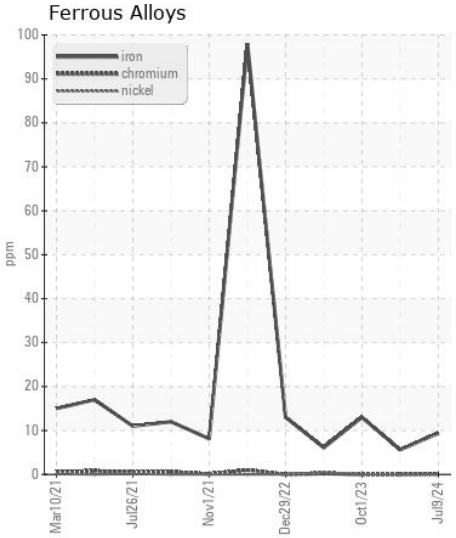
Viscosity @ 40°C



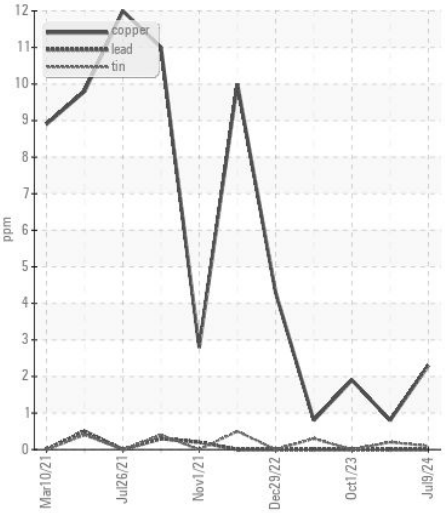
PQ



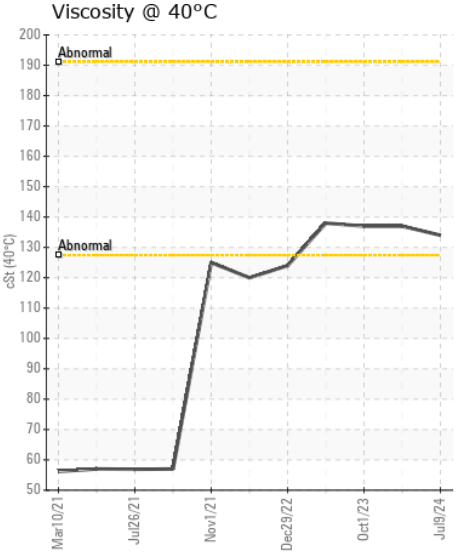
Ferrous Alloys



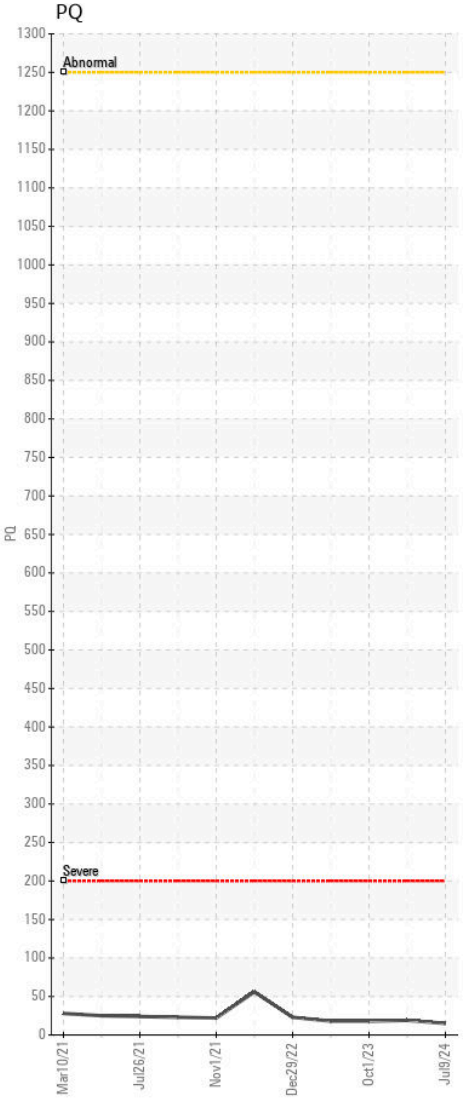
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218514
Lab Number : 06233501
Unique Number : 11116994
Test Package : CONST (Additional Tests: PQ)

Received : 11 Jul 2024
Tested : 12 Jul 2024
Diagnosed : 12 Jul 2024 - Wes Davis

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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