James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXALF814879
Component
Swing Drive
Fluid
JOHN DEERE GL-5 80W90 (2 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 fluid.

FLUID CONDITION

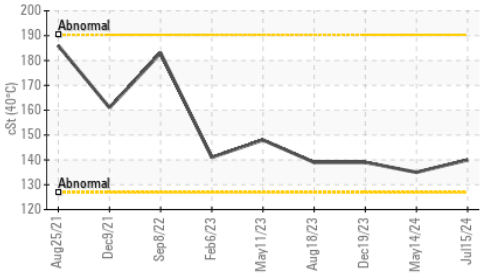
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**JR0220399**	JR0215026	JR0189267
Sample Date		Client Info		**15 Jul 2024**	14 May 2024	19 Dec 2023
Machine Age	hrs	Client Info		**5002**	4707	4137
Oil Age	hrs	Client Info		**4432**	570	3574
Filter Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**Changed**	Not Changd	Changed
Filter Changed		Client Info		**N/A**	Not Changd	N/A
Sample Status				**NORMAL**	ABNORMAL	NORMAL
PQ		ASTM D8184		**19**	31	42
Iron	ppm	ASTM D5185m	>151	**0**	31	75
Chromium	ppm	ASTM D5185m	>11	**0**	<1	<1
Nickel	ppm	ASTM D5185m	>10	**0**	<1	0
Titanium	ppm	ASTM D5185m		**0**	<1	0
Silver	ppm	ASTM D5185m		**0**	<1	<1
Aluminum	ppm	ASTM D5185m	>21	**0**	2	0
Lead	ppm	ASTM D5185m	>51	**0**	<1	0
Copper	ppm	ASTM D5185m	>51	**0**	1	0
Tin	ppm	ASTM D5185m	>10	**0**	<1	0
Vanadium	ppm	ASTM D5185m		**0**	<1	0
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>31	**2**	4	7
Potassium	ppm	ASTM D5185m	>20	**0**	2	0
Water		WC Method	>0.1	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	▲ MODER	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	**<1**	0	0
Boron	ppm	ASTM D5185m		**0**	6	31
Barium	ppm	ASTM D5185m		**0**	0	0
Molybdenum	ppm	ASTM D5185m		**0**	<1	0
Manganese	ppm	ASTM D5185m		**0**	<1	<1
Magnesium	ppm	ASTM D5185m		**1**	4	<1
Calcium	ppm	ASTM D5185m		**4**	92	6
Phosphorus	ppm	ASTM D5185m		**297**	391	615
Zinc	ppm	ASTM D5185m		**9**	66	0
Sulfur	ppm	ASTM D5185m		**19486**	19603	19631
Visc @ 40°C	cSt	ASTM D445		**140**	135	139

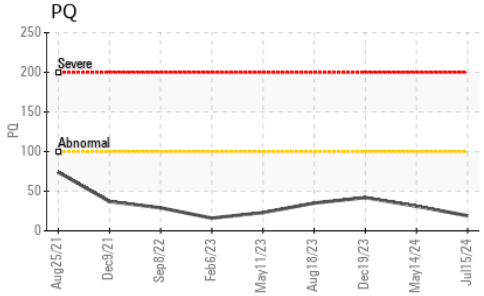
Report Id: JAMCHA [WUSCAR] 06239438 (Generated: 07/21/2024 13:21:16) Rev: 1

Submitted By: Mike Young - CHARLOTTE SHOP

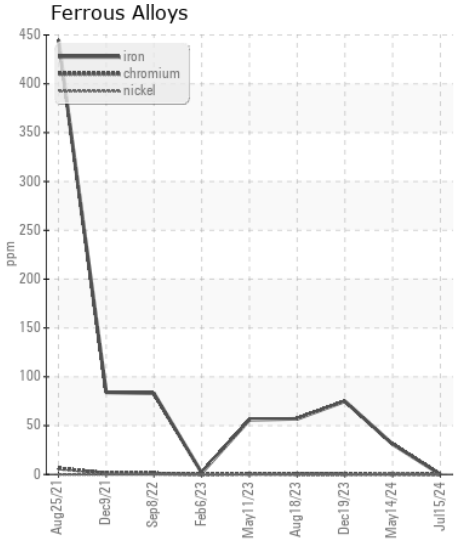
Viscosity @ 40°C



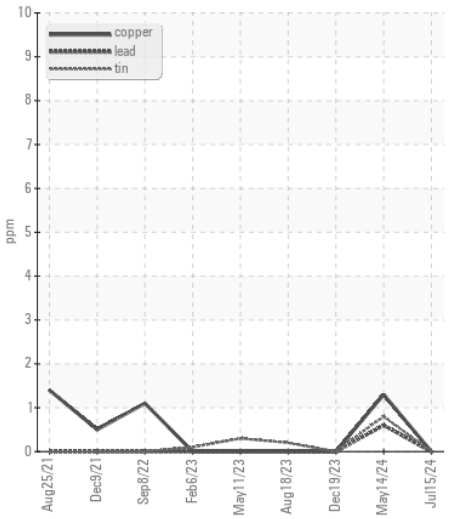
PQ



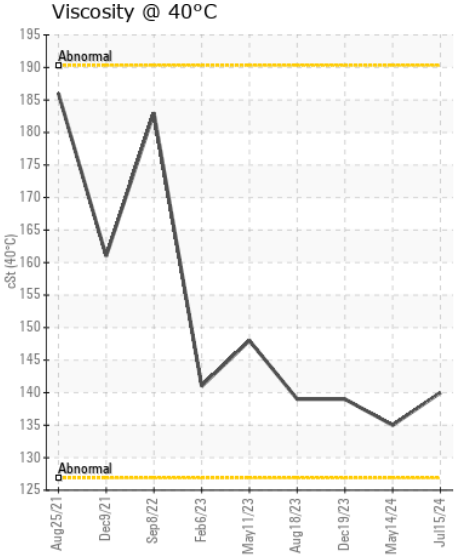
Ferrous Alloys



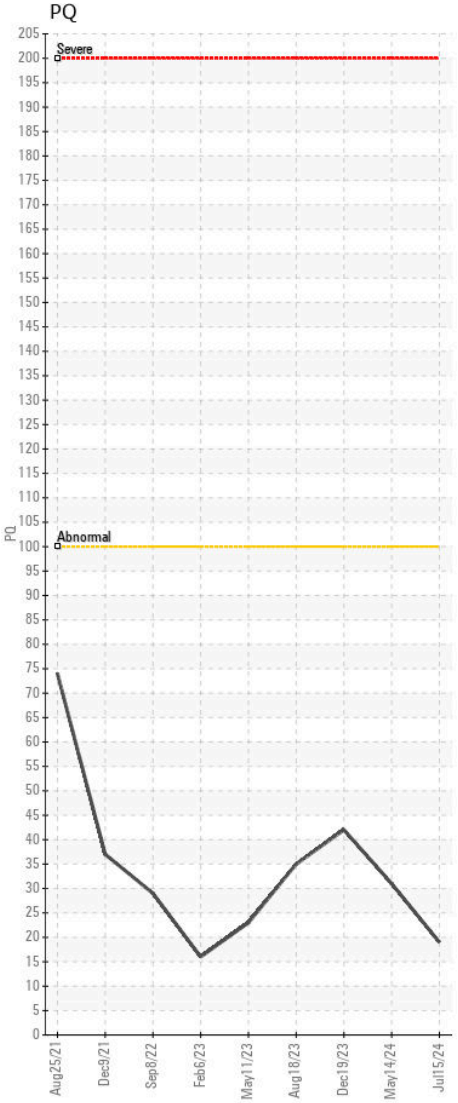
Non-ferrous Metals



Viscosity @ 40°C



PQ



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0220399
Lab Number : 06239438
Unique Number : 11128272
Test Package : CONST (Additional Tests: PQ)

Received : 17 Jul 2024
Tested : 18 Jul 2024
Diagnosed : 19 Jul 2024 - Jonathan Hester

JRE - CHARLOTTE
9550 STATESVILLE ROAD
CHARLOTTE, NC
US 28269
Contact: CHARLOTTE SHOP
myoung@jamesriverequipment.com
T: (704)597-0211
F: (704)596-6198

Certificate L2367

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)