James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350P 1FF350PAKNF000420
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 fluid.

FLUID CONDITION

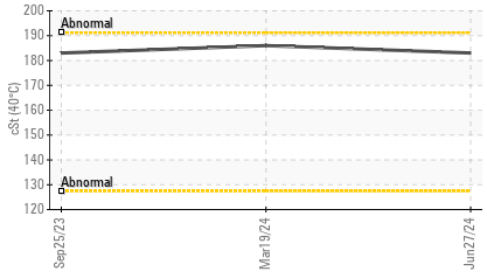
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0221019	JR0200971	JR0182326
Sample Date		Client Info		27 Jun 2024	19 Mar 2024	25 Sep 2023
Machine Age	hrs	Client Info		1492	1187	721
Oil Age	hrs	Client Info		1492	1187	721
Filter Age	hrs	Client Info		0	0	721
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>1250	144	313	260
Iron	ppm	ASTM D5185m	>750	658	657	454
Chromium	ppm	ASTM D5185m	>9	10	10	8
Nickel	ppm	ASTM D5185m	>10	3	<1	<1
Titanium	ppm	ASTM D5185m		2	<1	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	5	3	1
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	2	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	43	37	17
Potassium	ppm	ASTM D5185m	>20	3	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	2	1	0
Boron	ppm	ASTM D5185m		69	66	71
Barium	ppm	ASTM D5185m		4	3	2
Molybdenum	ppm	ASTM D5185m		<1	0	<1
Manganese	ppm	ASTM D5185m		11	10	9
Magnesium	ppm	ASTM D5185m		2	<1	<1
Calcium	ppm	ASTM D5185m		25	68	30
Phosphorus	ppm	ASTM D5185m		609	566	502
Zinc	ppm	ASTM D5185m		27	33	22
Sulfur	ppm	ASTM D5185m		15602	18560	15997
Visc @ 40°C	cSt	ASTM D445		183	186	183

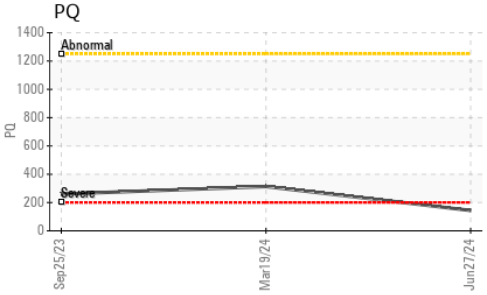
Report Id: RWMNEW [WUSCAR] 06224794 (Generated: 07/02/2024 19:13:30) Rev: 1

Submitted By: Dylan Sanderson

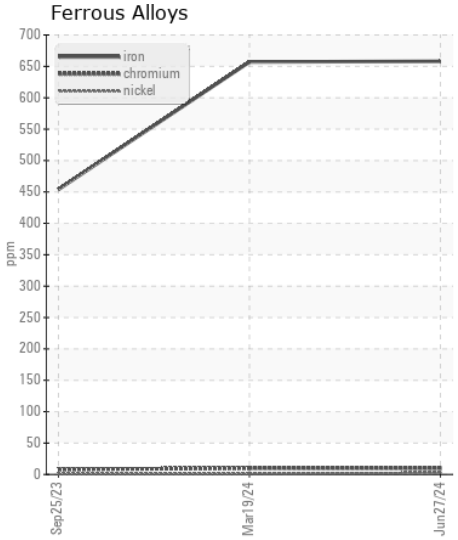
Viscosity @ 40°C



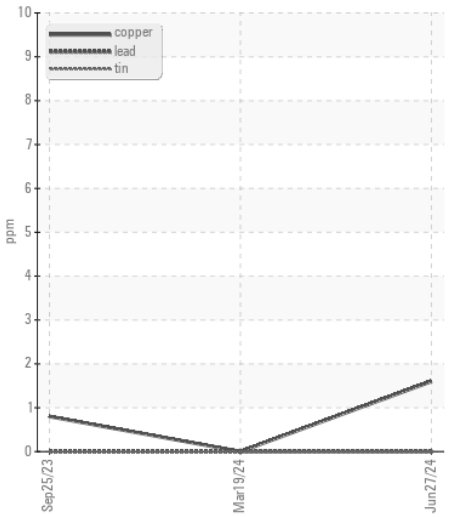
PQ



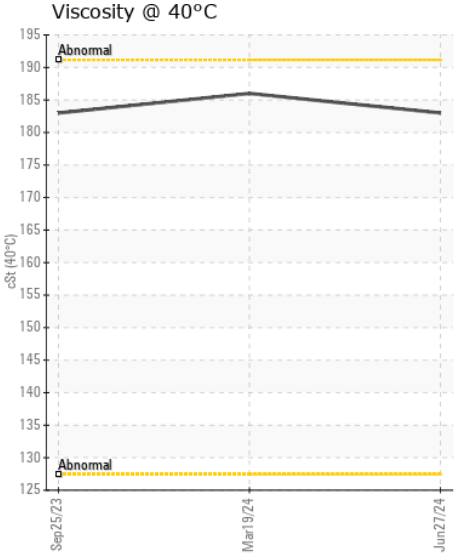
Ferrous Alloys



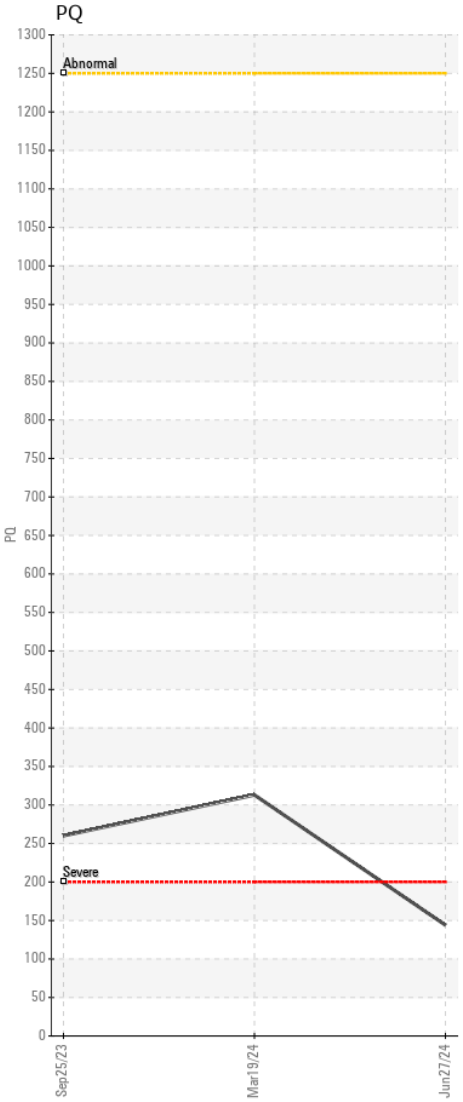
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0221019
Lab Number : 06224794
Unique Number : 11102991
Test Package : CONST (Additional Tests: PQ)

Received : 01 Jul 2024
Tested : 02 Jul 2024
Diagnosed : 02 Jul 2024 - Don Baldridge

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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