James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 4201 LM398523
Component
Transmission (Auto)
Fluid
ALLISON TES 295 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

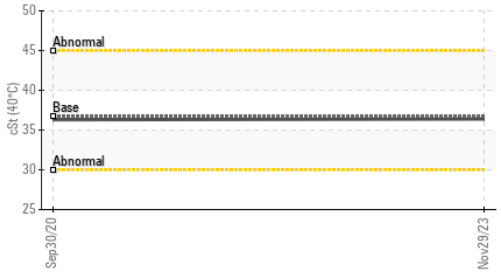
There is no indication of any contamination in the fluid.

FLUID CONDITION

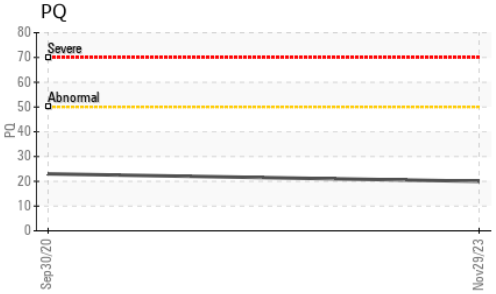
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0196619	JR0053744	---
Sample Date		Client Info		29 Nov 2023	30 Sep 2020	---
Machine Age	hrs	Client Info		4179	504	---
Oil Age	hrs	Client Info		2000	504	---
Filter Age	hrs	Client Info		2000	504	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Not Changd	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184	>50	20	23	---
Iron	ppm	ASTM D5185m	>160	38	22	---
Chromium	ppm	ASTM D5185m	>5	0	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	<1	---
Aluminum	ppm	ASTM D5185m	>50	8	0	---
Lead	ppm	ASTM D5185m	>50	8	6	---
Copper	ppm	ASTM D5185m	>225	20	24	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>20	4	4	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m		6	6	---
Boron	ppm	ASTM D5185m	133	107	122	---
Barium	ppm	ASTM D5185m	0	0	1	---
Molybdenum	ppm	ASTM D5185m	0	0	<1	---
Manganese	ppm	ASTM D5185m		2	4	---
Magnesium	ppm	ASTM D5185m	0	<1	<1	---
Calcium	ppm	ASTM D5185m	27	91	40	---
Phosphorus	ppm	ASTM D5185m	293	277	270	---
Zinc	ppm	ASTM D5185m	0	10	0	---
Sulfur	ppm	ASTM D5185m	1050	549	1206	---
Visc @ 40°C	cSt	ASTM D445	36.7	36.4	36.3	---

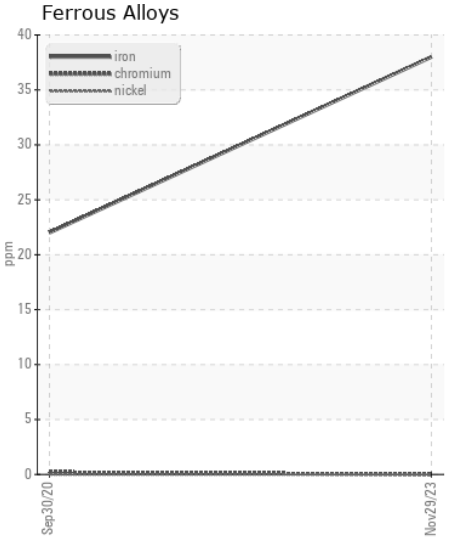
Viscosity @ 40°C



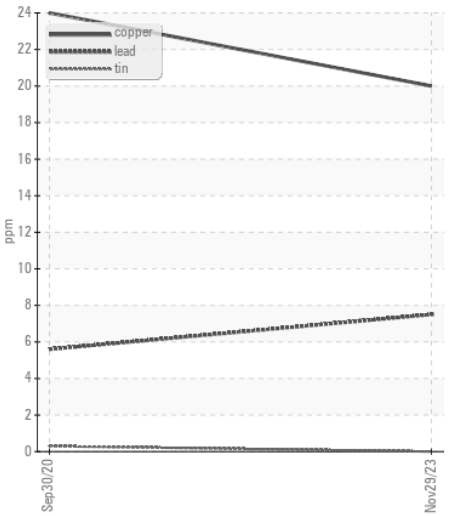
PQ



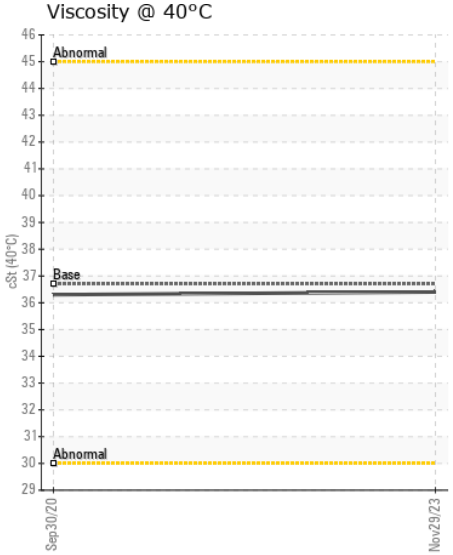
Ferrous Alloys



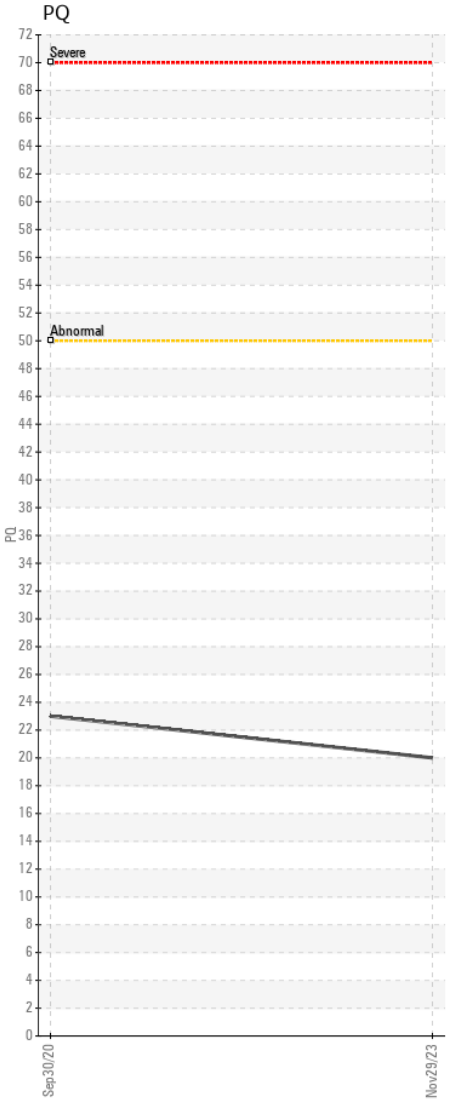
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0196619 **Recieved** : 08 Jan 2024
Lab Number : 06054181 **Diagnosed** : 09 Jan 2024
Unique Number : 10820130 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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