James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 700K 1T0700KXHKF367447
Component
Transmission
Fluid
JOHN DEERE HYDRAU (--- 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

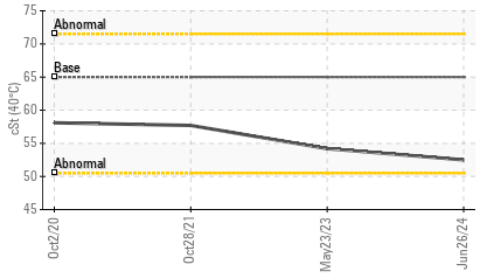
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**JR0222579**	JR0167962	JR0108235
Sample Date		Client Info		**26 Jun 2024**	23 May 2023	28 Oct 2021
Machine Age	hrs	Client Info		**4683**	3166	1030
Oil Age	hrs	Client Info		**0**	3166	1030
Filter Age	hrs	Client Info		**0**	0	1030
Oil Changed		Client Info		**Changed**	Changed	Not Changd
Filter Changed		Client Info		**Changed**	N/A	Not Changd
Sample Status				**NORMAL**	NORMAL	NORMAL
PQ		ASTM D8184	>100	**16**	17	18
Iron	ppm	ASTM D5185m	>61	**31**	28	22
Chromium	ppm	ASTM D5185m	>10	**0**	0	0
Nickel	ppm	ASTM D5185m		**0**	<1	0
Titanium	ppm	ASTM D5185m		**0**	0	<1
Silver	ppm	ASTM D5185m		**0**	0	0
Aluminum	ppm	ASTM D5185m	>20	**0**	0	<1
Lead	ppm	ASTM D5185m	>9	**0**	<1	1
Copper	ppm	ASTM D5185m	>100	**16**	14	12
Tin	ppm	ASTM D5185m	>3	**0**	0	0
Vanadium	ppm	ASTM D5185m		**0**	0	0
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>21	**12**	10	8
Potassium	ppm	ASTM D5185m	>20	**0**	1	0
Water		WC Method	>0.075	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	VLITE
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	>30	**2**	<1	<1
Boron	ppm	ASTM D5185m		**4**	4	2
Barium	ppm	ASTM D5185m		**<1**	0	0
Molybdenum	ppm	ASTM D5185m		**4**	5	<1
Manganese	ppm	ASTM D5185m		**0**	<1	<1
Magnesium	ppm	ASTM D5185m		**14**	14	4
Calcium	ppm	ASTM D5185m	87	**151**	107	158
Phosphorus	ppm	ASTM D5185m	727	**607**	616	532
Zinc	ppm	ASTM D5185m	900	**754**	803	742
Sulfur	ppm	ASTM D5185m	1500	**1749**	1894	1303
Visc @ 40°C	cSt	ASTM D445	65	**52.5**	54.2	57.7

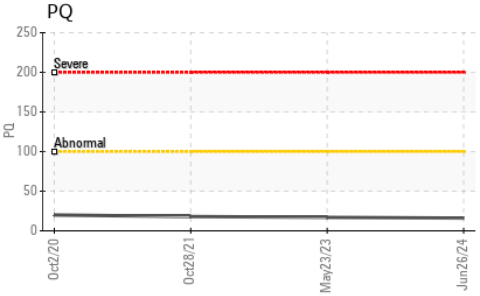
Report Id: RWMGAR [WUSCAR] 06225357 (Generated: 07/02/2024 20:20:30) Rev: 1

Submitted By: JOHN GUASCHINO

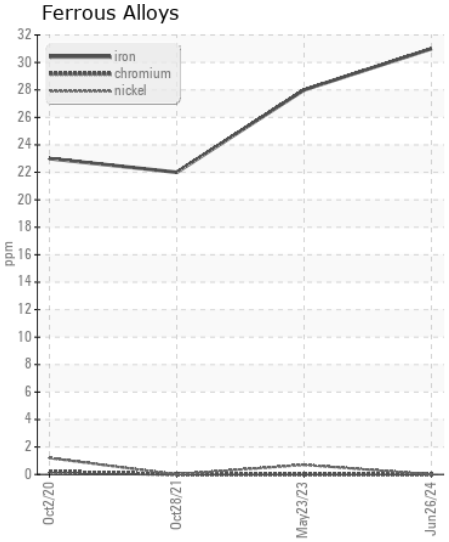
Viscosity @ 40°C



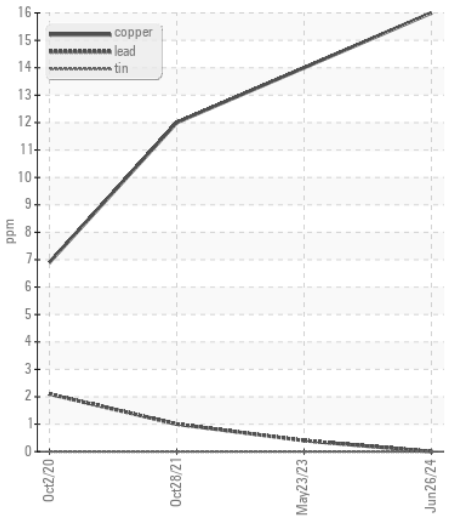
PQ



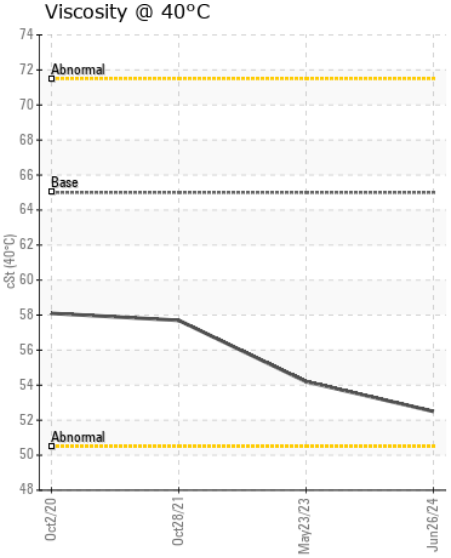
Ferrous Alloys



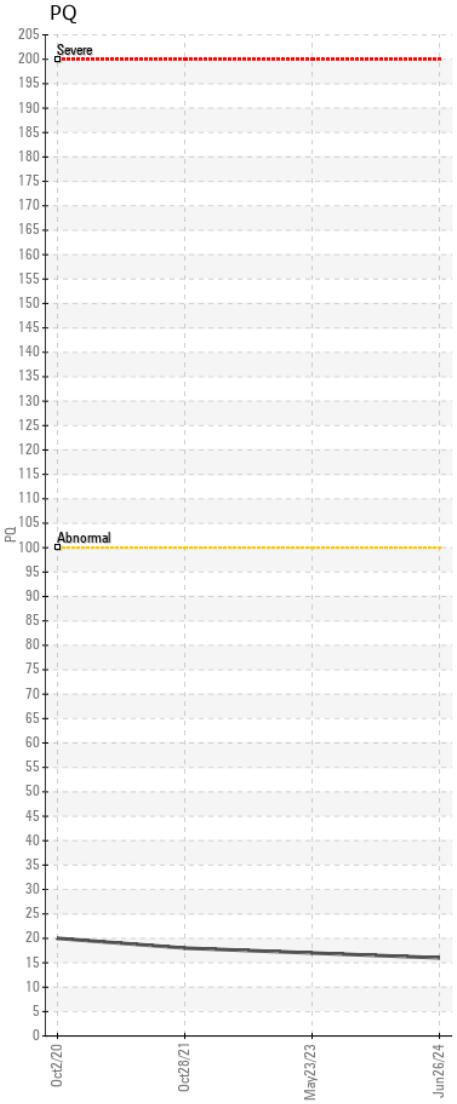
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0222579
Lab Number : 06225357
Unique Number : 11103554
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)

JRE - GARNER
4161 AUBURN CHURCH RD
GARNER, NC
US 27529
Contact: RALEIGH SHOP
sean.betts@jamesriverequipment.com;catherine.anastasio@wearcheck.com
T: (919)614-2260
F: (919)779-5432