James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 700L 1T0700LXHMF401534
Component
Right Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- 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

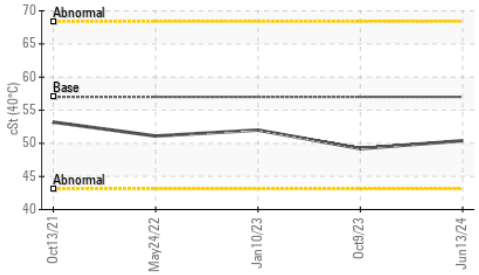
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**JR0218730**	JR0185088	JR0157134
Sample Date		Client Info		**13 Jun 2024**	09 Oct 2023	10 Jan 2023
Machine Age	hrs	Client Info		**3044**	2179	1519
Oil Age	hrs	Client Info		**865**	1080	420
Filter Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**Changed**	Changed	Not Changd
Filter Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	NORMAL
PQ		ASTM D8184	>1250	**66**	90	101
Iron	ppm	ASTM D5185m	>750	**52**	99	60
Chromium	ppm	ASTM D5185m	>9	**<1**	1	<1
Nickel	ppm	ASTM D5185m	>10	**<1**	<1	0
Titanium	ppm	ASTM D5185m		**<1**	<1	0
Silver	ppm	ASTM D5185m		**<1**	0	0
Aluminum	ppm	ASTM D5185m	>40	**3**	2	2
Lead	ppm	ASTM D5185m	>15	**<1**	0	0
Copper	ppm	ASTM D5185m	>40	**<1**	0	<1
Tin	ppm	ASTM D5185m	>10	**<1**	0	0
Vanadium	ppm	ASTM D5185m		**<1**	<1	0
White Metal	scalar	*Visual	NONE	**NONE**	MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	**8**	13	9
Potassium	ppm	ASTM D5185m	>20	**3**	3	3
Water		WC Method	>0.075	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**LIGHT**	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**	2	0
Boron	ppm	ASTM D5185m	6	**1**	1	2
Barium	ppm	ASTM D5185m	0	**1**	0	0
Molybdenum	ppm	ASTM D5185m	0	**1**	0	1
Manganese	ppm	ASTM D5185m		**1**	2	1
Magnesium	ppm	ASTM D5185m	145	**102**	96	91
Calcium	ppm	ASTM D5185m	3570	**3532**	3391	3423
Phosphorus	ppm	ASTM D5185m	1290	**1062**	965	996
Zinc	ppm	ASTM D5185m	1640	**1270**	1271	1188
Sulfur	ppm	ASTM D5185m		**3704**	3469	3734
Visc @ 40°C	cSt	ASTM D445	57.0	**50.4**	49.2	52.0

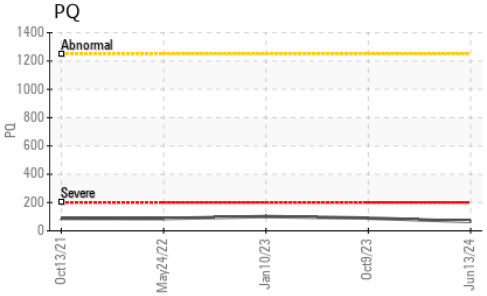
Report Id: TENCAN [WUSCAR] 06218529 (Generated: 06/25/2024 15:07:27) Rev: 1

Contact/Location: MARK ROSS - TENCAN

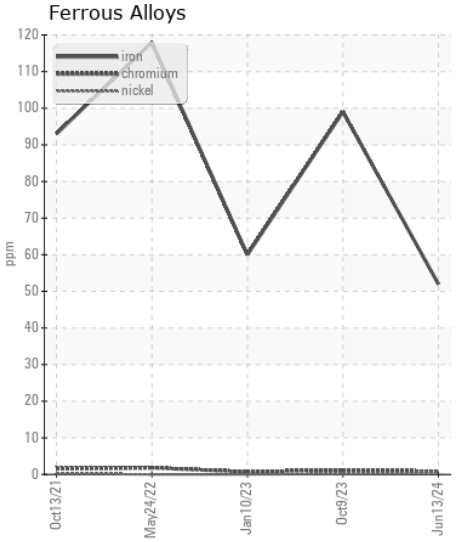
Viscosity @ 40°C



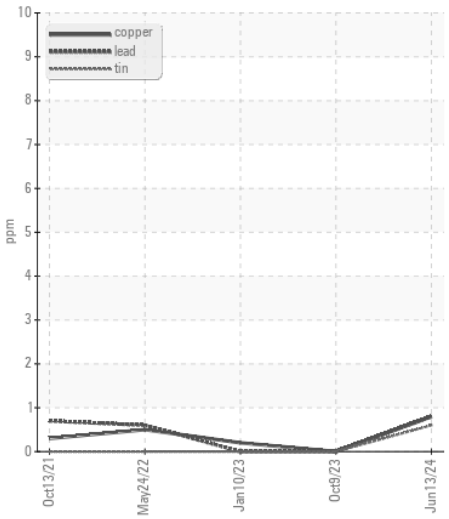
PQ



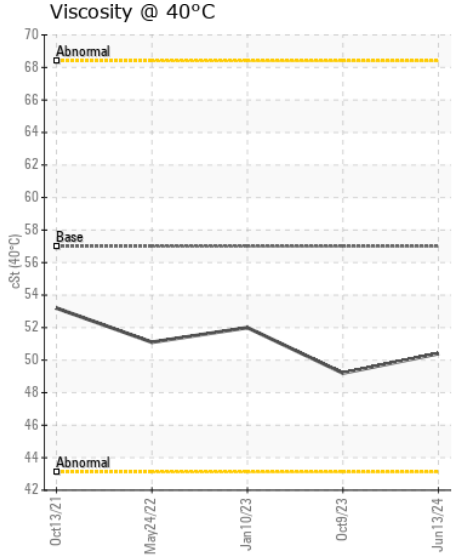
Ferrous Alloys



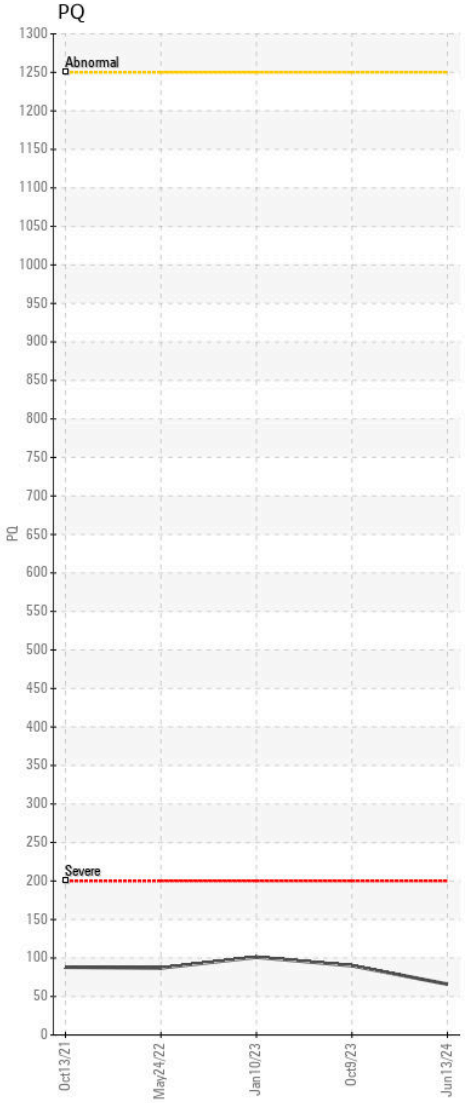
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218730
Lab Number : 06218529
Unique Number : 11096726
Test Package : CONST (Additional Tests: PQ)

Received : 24 Jun 2024
Tested : 25 Jun 2024
Diagnosed : 25 Jun 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)

TENNOCA CONSTRUCTION
PO BOX 2379
CANDLER, NC
US 28715
Contact: MARK ROSS
mark@tennoca.com
T: (828)665-8331
F: