LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 3 - Norton
Machine Id
JOHN DEERE 210G EX12 (S/N 1FF210GXLJF526866)
Component
Hydraulic System
Fluid
HITACHI HYDRAULIC SUPER EX 46HN (63 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

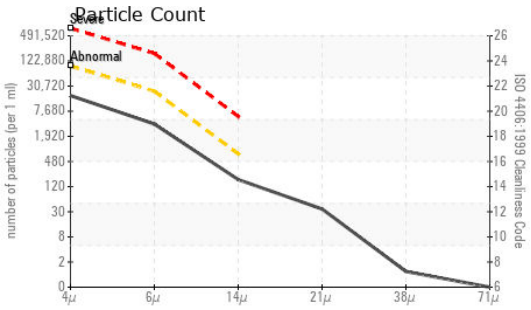
CONTAMINATION

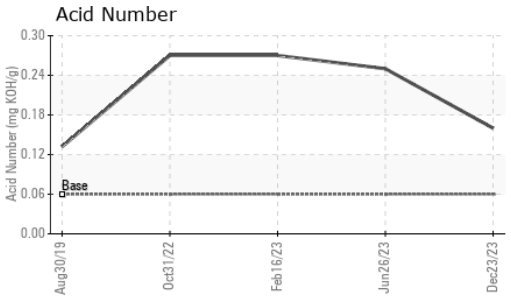
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

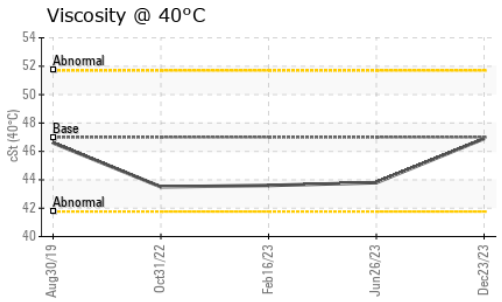
FLUID CONDITION

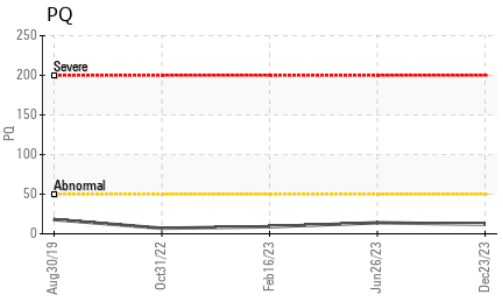
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

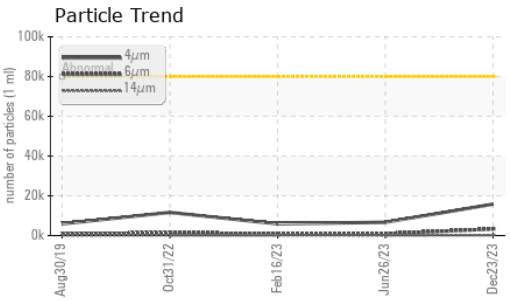
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0045328	LEC0042517	LEC0039972
Sample Date		Client Info		23 Dec 2023	26 Jun 2023	16 Feb 2023
Machine Age	hrs	Client Info		3266	2787	2287
Oil Age	hrs	Client Info		3266	2787	2287
Filter Age	hrs	Client Info		500	1000	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>50	12	14	9
Iron	ppm	ASTM D5185m	>32	2	6	3
Chromium	ppm	ASTM D5185m	>9	<1	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>9	2	2	<1
Lead	ppm	ASTM D5185m	>28	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	24	21
Tin	ppm	ASTM D5185m	>5	0	<1	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	>11	<1	1	<1
Potassium	ppm	ASTM D5185m	>20	<1	1	1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	15801	6708	5918
Particles >6µm		ASTM D7647	>20000	3306	975	989
Particles >14µm		ASTM D7647	>640	156	77	90
Particles >21µm		ASTM D7647	>160	31	16	25
Particles >38µm		ASTM D7647	>40	1	1	2
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>23/21/16	21/19/14	20/17/13	20/17/14
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	>21	0	0	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		3	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		2	12	<1
Phosphorus	ppm	ASTM D5185m	827	572	474	440
Zinc	ppm	ASTM D5185m	0	0	71	71
Sulfur	ppm	ASTM D5185m	13	73	407	360
Acid Number (AN)	mg KOH/g	ASTM D8045	0.06	0.16	0.25	0.27
Visc @ 40°C	cSt	ASTM D445	47	46.9	43.8	43.6

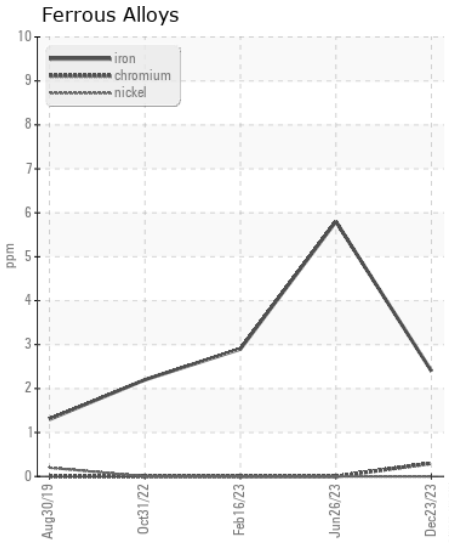


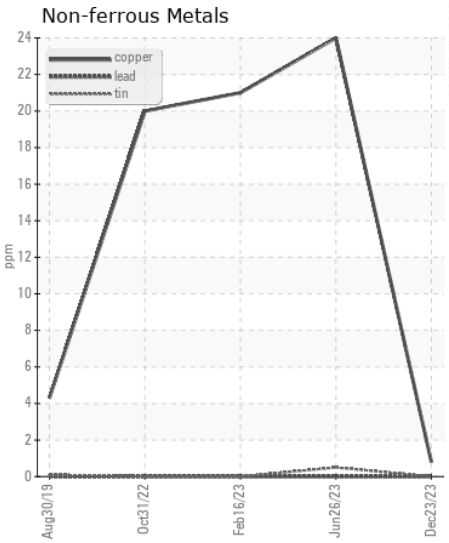


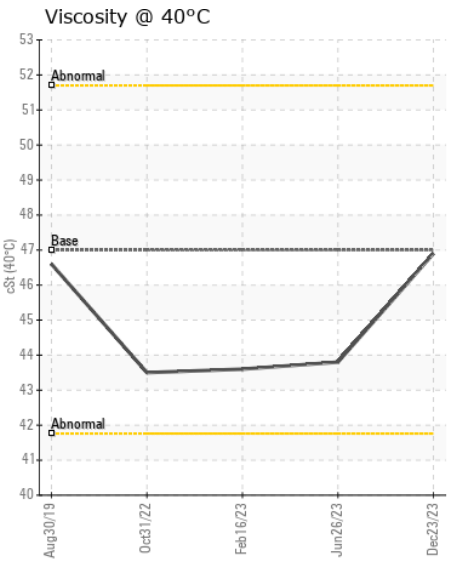


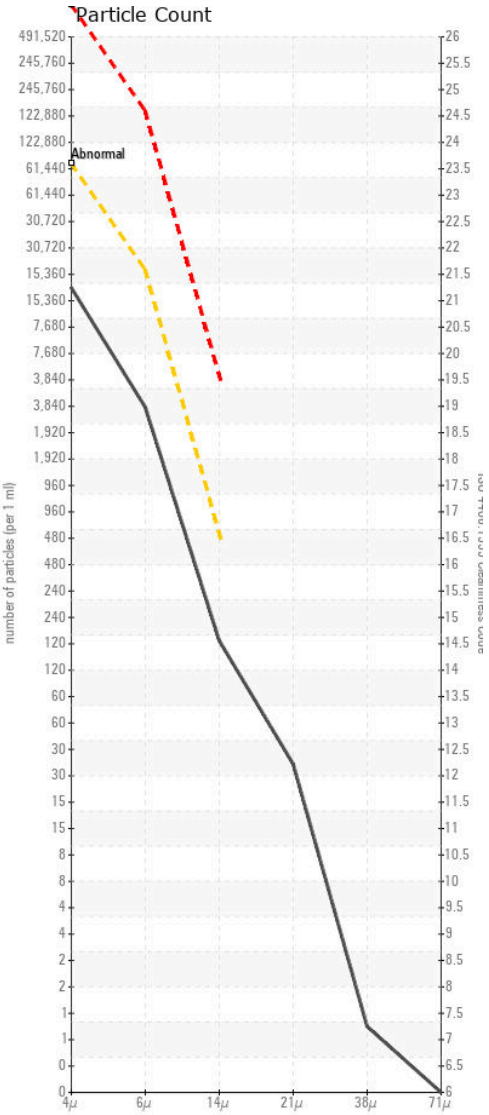


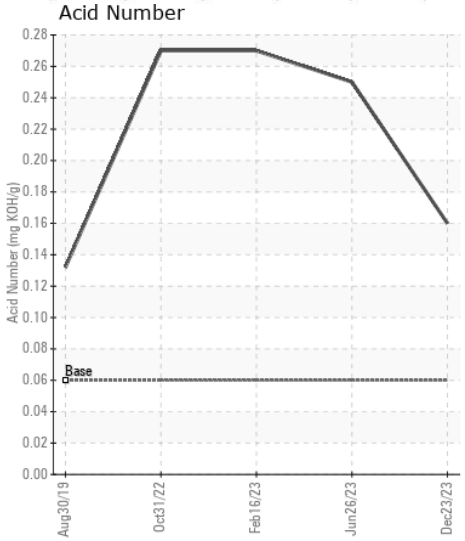












Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0045328 **Recieved** : 17 Jan 2024
Lab Number : 06063509 **Diagnosed** : 19 Jan 2024
Unique Number : 10834891 **Diagnostician** : Don Baldridge
Test Package : CONST (Additional Tests: PQ)

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)

LANE PIPELINE
2946 E MAIN ST
BRIDGEPORT, WV
US 26330
Contact: JESSE WILBURN
jesseowilburn@gmail.com
T: (740)440-0927
F:

Report Id: LANBRI [WUSCAR] 06063509 (Generated: 01/19/2024 14:32:16) Rev: 1

Submitted By: JEFF SHERRY