



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
BEALETON [05W36256]
 Machine Id
JOHN DEERE 944K M02-0913 1DW944KXKML703638
 Component
Transmission
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0146447	JR0123221	JR0122956
Sample Date		Client Info		13 Oct 2022	12 Apr 2022	04 Mar 2022
Machine Age	hrs	Client Info		1626	500	277
Oil Age	hrs	Client Info		1403	500	277
Filter Age	hrs	Client Info		1403	500	277
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	11	19	21
Iron	ppm	ASTM D5185m	>200	7	3	4
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>7	0	<1	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	<1
Lead	ppm	ASTM D5185m	>45	3	<1	<1
Copper	ppm	ASTM D5185m	>225	2	<1	<1
Tin	ppm	ASTM D5185m	>10	0	0	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

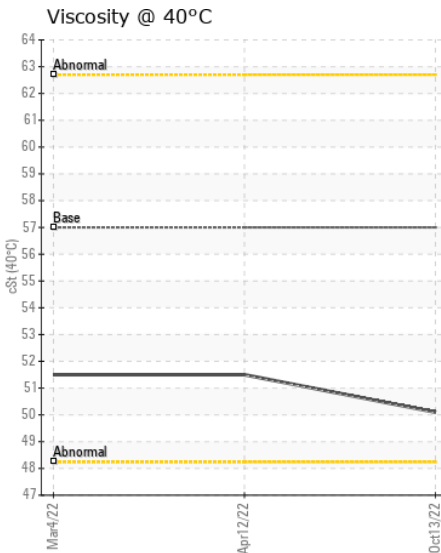
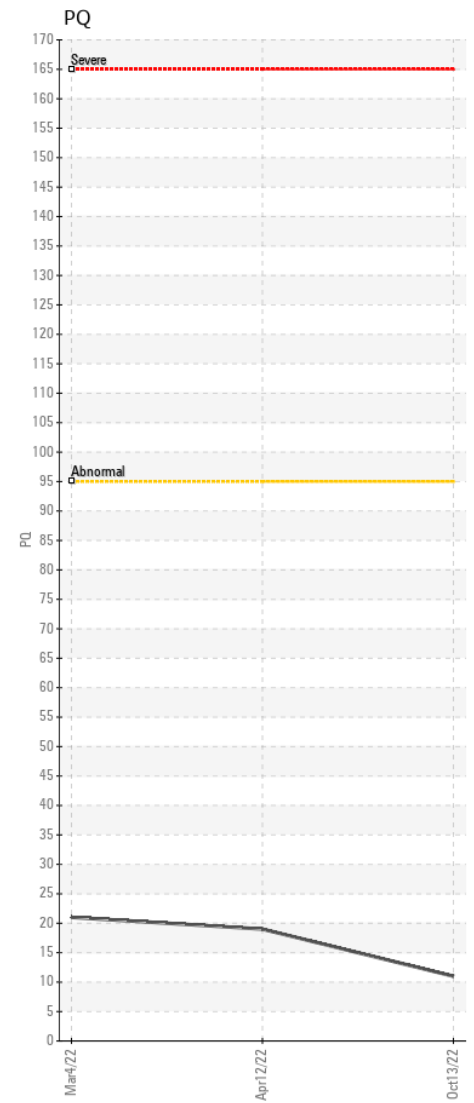
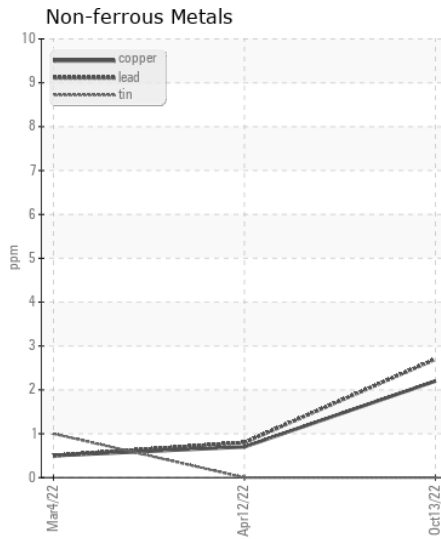
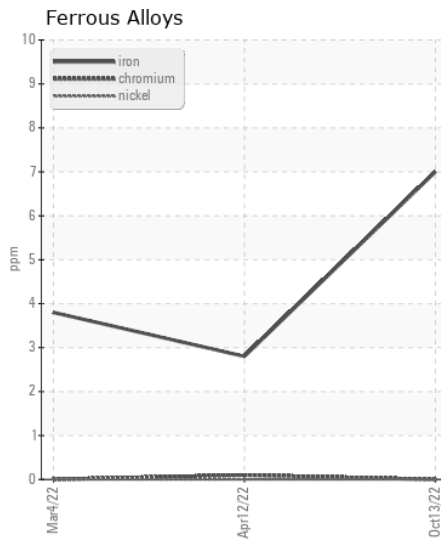
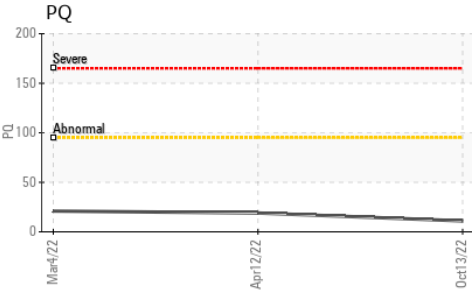
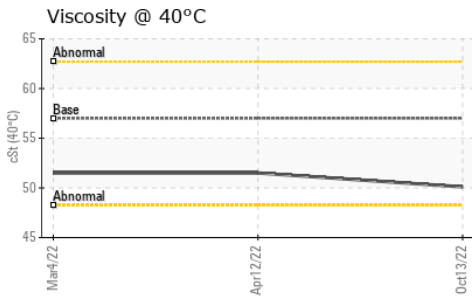
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	9	7	7
Potassium	ppm	ASTM D5185m	>20	4	0	0
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	0	3
Boron	ppm	ASTM D5185m	6	10	0	7
Barium	ppm	ASTM D5185m	0	2	0	0
Molybdenum	ppm	ASTM D5185m	0	2	2	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	145	94	102	96
Calcium	ppm	ASTM D5185m	3570	3527	3708	3527
Phosphorus	ppm	ASTM D5185m	1290	982	1072	1022
Zinc	ppm	ASTM D5185m	1640	1220	1179	1237
Sulfur	ppm	ASTM D5185m		3895	3164	3011
Visc @ 40°C	cSt	ASTM D445	57.0	50.1	51.5	51.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0146447 **Received** : 14 Oct 2022
Lab Number : 05667750 **Tested** : 17 Oct 2022
Unique Number : 10177320 **Diagnosed** : 18 Oct 2022 - Don Baldrige
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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