



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05w34107]

Machine Id

JOHN DEERE 260E 1DW260ETPHF681124

Component

Transmission (Auto)

Fluid

JOHN DEERE HY-GARD HYD/TRANS (16 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0132683	JR0116851	JR0077337
Sample Date		Client Info		27 Jun 2022	25 Jan 2022	02 Mar 2021
Machine Age	hrs	Client Info		3951	3433	2488
Oil Age	hrs	Client Info		3951	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	25	22	21
Iron	ppm	ASTM D5185m	>160	32	34	22
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	<1	<1	0
Aluminum	ppm	ASTM D5185m	>50	<1	1	<1
Lead	ppm	ASTM D5185m	>50	0	<1	2
Copper	ppm	ASTM D5185m	>225	5	2	1
Tin	ppm	ASTM D5185m	>10	<1	<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

CONTAMINATION

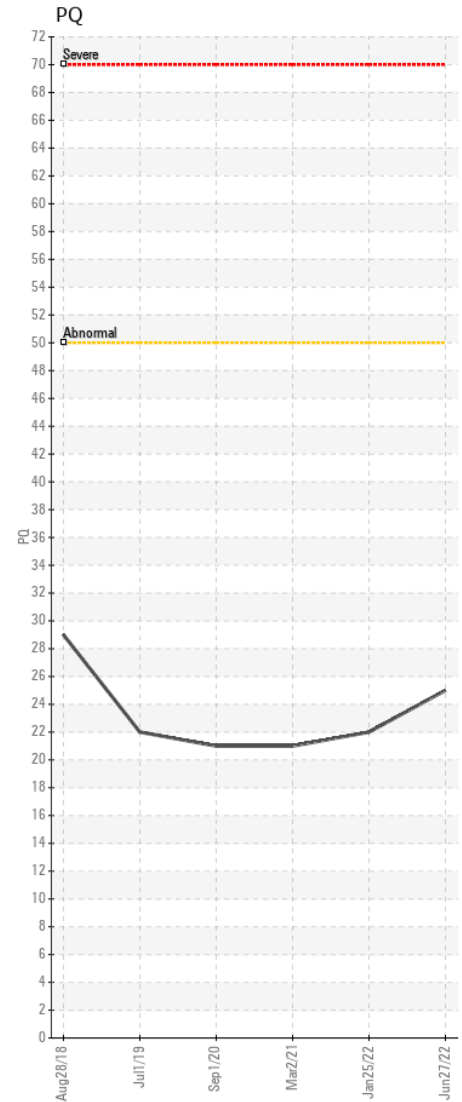
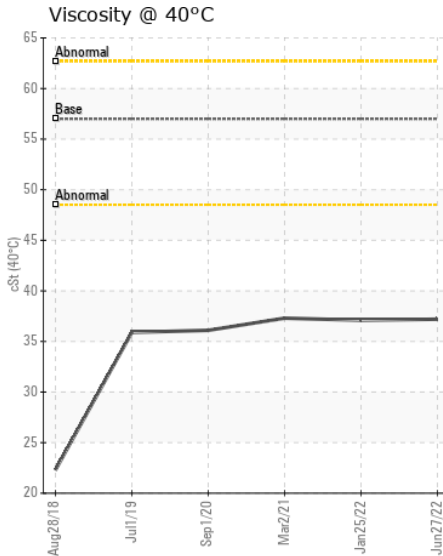
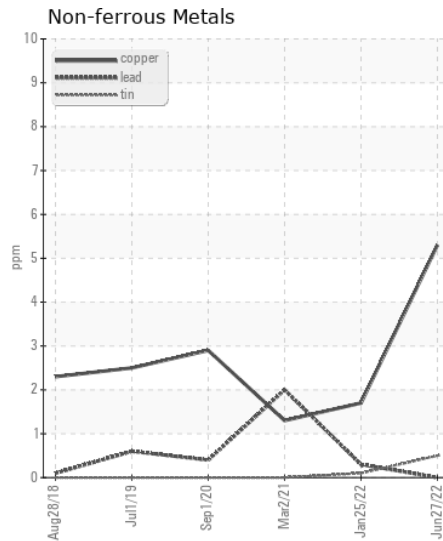
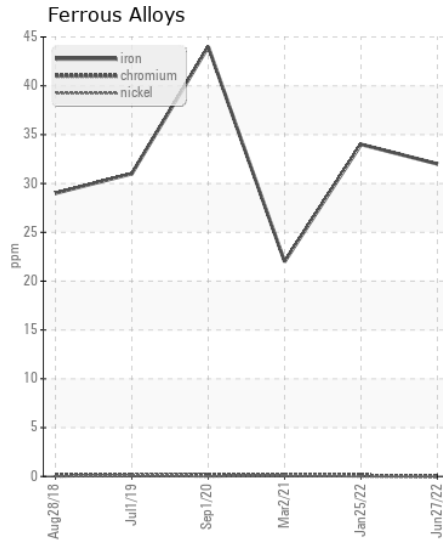
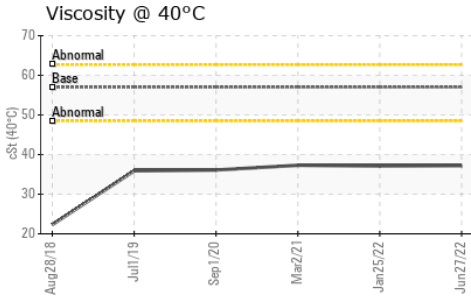
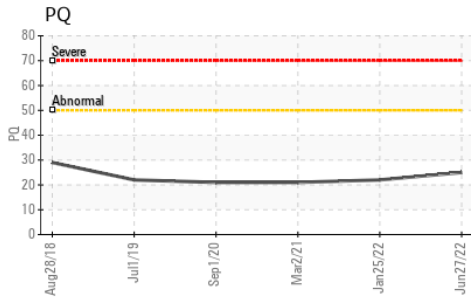
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	3	3	3
Potassium	ppm	ASTM D5185m	>20	0	2	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	1	2
Boron	ppm	ASTM D5185m	6	121	119	130
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	145	2	3	0
Calcium	ppm	ASTM D5185m	3570	100	126	65
Phosphorus	ppm	ASTM D5185m	1290	303	290	279
Zinc	ppm	ASTM D5185m	1640	29	26	19
Sulfur	ppm	ASTM D5185m		433	311	309
Visc @ 40°C	cSt	ASTM D445	57.0	37.2	37.1	37.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0132683 **Received** : 30 Jun 2022
Lab Number : 05581546 **Tested** : 01 Jul 2022
Unique Number : 10035972 **Diagnosed** : 03 Jul 2022 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198

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)